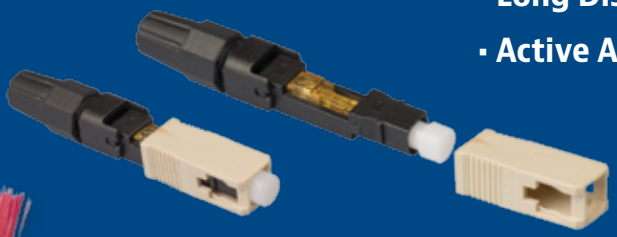
Liberty
WIRE & CABLE

FIBER OPTIC SOLUTIONS

Complete, affordable fiber solutions for your AV infrastructure

- Bulk Fiber Cable
- Connectors
- Tooling
- Pre-Made Patch Cables
- Enclosures
- Patch Panels
- Media Converters
- Long Distance AV Extension Cables
- Active AV Extension Devices



LIBERTY
AV SOLUTIONS

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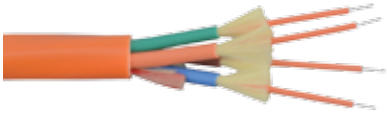
RUN WITH US

BULK FIBER CABLE: STANDARD TIGHT BUFFERED

MULTIMODE OM1: PLENUM AND NON-PLENUM

4FPIOMM6-BO ORANGE BREAKOUT STYLE INDOOR/OUTDOOR PLENUM FIBER OPTIC CABLE 4 FIBER OM1 62.5/125 MULTIMODE REEL

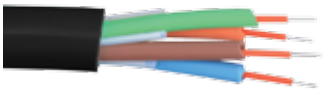


- 4 fiber OM1 62.5/125 multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- UV stabilized PVC jacket
- NEC OFNP, CEC FT6, Sunlight resistant, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

2FRIOMM6-D BLACK DISTRIBUTION STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 2 FIBER OM1 62.5/125 MULTIMODE REEL

- 2 fiber OM1 62.5/125 multimode
- Dual layer tight buffer 900 micron
- Central strength member and kevlar yarn
- Distribution construction
- UV stabilized PVC jacket
- Sunlight resistant, suitable for wet locations
- NEC OFNR, CEC FT4, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

4FRIOMM6-BO BLACK BREAKOUT STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 4 FIBER OM1 62.5/125 MULTIMODE REEL



- 4 Fiber 62.5 micron 62.5/125 Multimode OM1 Fiber
- Dual Layer 900 micron tight buffer
- Breakout Construction inner jackets with kevlar yarn
- 4 jacketed fibers around a central member
- UV Stabilized Polyvinyl Chloride jacket
- NEC OFNR, CEC FT4, Sunlight Resistant, RoHS Compliant
- 000 Foot Spools, Fiber is Cut-to-Order

6FRIOMM6-D BLACK DISTRIBUTION STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 6 FIBER OM1 62.5/125 MULTIMODE REEL

- 6 fiber OM1 62.5/125 multimode
- Dual layer tight buffer 900 micron
- Central strength member and kevlar yarn
- Distribution construction
- UV stabilized PVC jacket
- Sunlight resistant, suitable for wet locations
- NEC OFNR, CEC FT4, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

MULTIMODE OM2: PLENUM AND NON-PLENUM

2FPIMM5-D ORANGE FIBER 2F 50 OM2 OFNP DIST REEL

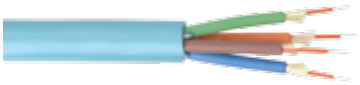
- 2 Fiber 50/125 micron OM2 Multimode Fiber
- 900 Micron Dual Layer Tight Buffer
- Aramid Yarn Strength Members (Kevlar)
- Distribution Format
- Indoor Only Plenum rated PVC Alloy Orange Jacket
- 800m, 1600m Standard Spool Lengths, Fiber is cut-to-order
- NEC OFNP, CEC FT6, RoHS Compliant

4FRIOMM5-BO BLACK BREAKOUT STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 4 FIBER OM2 50/125 MULTIMODE REEL

- 4 Fiber 50/125 Multimode OM2 Fibers
- Dual Layer 900 micron tight buffer
- Breakout Construction inner jackets with kevlar yarn
- 4 jacketed fibers around a central member
- UV Stabilized Polyvinyl Chloride jacket
- Orange colored jacket indicates OM2
- NEC OFNR, CEC FT4, ,Sunlight Resistant, RoHS Compliant
- 3000 Foot Spools, Fiber is Cut-to-Order

MULTIMODE OM3: PLENUM AND NON-PLENUM

4FPIOMM10-BO TEAL BREAKOUT STYLE INDOOR/OUTDOOR PLENUM FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

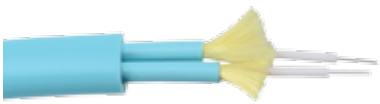


- 4 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- UV stabilized PVC jacket
- NEC OFNP, CEC FT6, Sunlight resistant, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

BULK FIBER CABLE: STANDARD TIGHT BUFFERED

MULTIMODE OM3: PLENUM AND NON-PLENUM

2FRIMM10-BO TEAL BREAKOUT STYLE INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

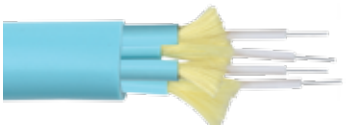


- 2 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- Indoor only flame rated rated PVC jacket
- NEC OFNR, CEC FT4, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

2FRIOMM10-BO TEAL BREAKOUT STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

- 2 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- UV stabilized PVC jacket
- NEC OFNR, CEC FT4, Sunlight resistant, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

4FRIMM10-BO TEAL BREAKOUT STYLE INDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

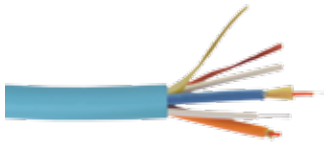


- 4 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- Indoor flame rated PVC jacket
- NEC OFNR, CEC FT4, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

4FRIOMM10-BO TEAL BREAKOUT STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

- 4 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- UV stabilized PVC jacket
- NEC OFNR, CEC FT4, Sunlight resistant, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

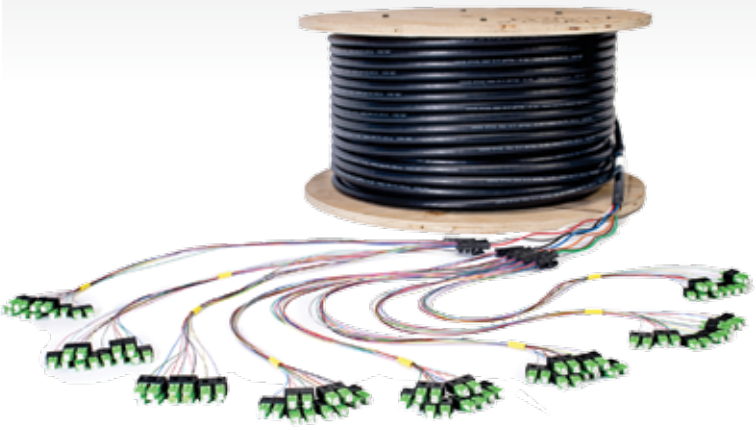
4FRIOMM10-D TEAL DISTRIBUTION STYLE INDOOR/OUTDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL



- 4 fiber OM3 50/125 laser optimized multimode
- Dual layer tight buffer 900 micron
- Central strength member
- Breakout construction
- UV stabilized PVC jacket
- NEC OFNR, CEC FT4, Sunlight resistant, RoHS compliant
- Fiber is cut to order, 3,000 foot spools standard

CUSTOM & PREMADE FIBER OPTICS SOLUTIONS

CUSTOM FIBER INSTALL CABLES | CUSTOM FIBER PATCH CORDS
DATA CENTER CONFIGURATIONS | LEMO® BROADCAST CABLES | STANDARD FIBER PATCH CORDS



Liberty's team of experienced sales professionals and highly trained fiber technicians can design solutions that will work for every type of fiber optic installation. As a certified Fibertron™ and Corning Gold™ manufacturer, our custom fiber assemblies are unmatched in the AV industry for performance, reliability and value.

FIBERTRON CUSTOM FIBER OPTICS

BULK FIBER CABLE: STANDARD TIGHT BUFFERED

SINGLEMODE: NON-PLENUM

HDC3R BLACK GEPCO BRAND THREE-CHANNEL PERMANENT-INSTALLATION HYBRID FIBER RISER RATED REEL

- Unique Hybrid Composite Construction
- Low-loss Single-mode Optical Fiber
- Three Groups of Fiber and Copper Elements
- Connects up to 3 SMPTE 304M Based HD Camera Systems
- Cost Effective
- UL Riser Rated

BULK FIBER CABLE: STRONGER, SAFER, FASTER (SSF®) FIBER

MULTIMODE OM3: PLENUM

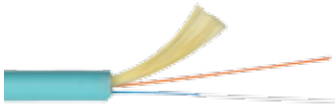
1FPINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 1 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 1 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Plenum rated PVC jacket 2.9mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

2FPINSM10-BO TEAL BREAKOUT STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Inner jackets approximately 2.0mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

2FPINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL



- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Plenum rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

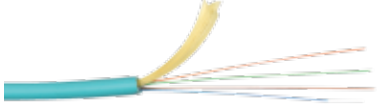
2FPINSM10-Z TEAL ZIPCORD STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating 10,000 the flex life of normal glass
- Zipcord style SPT fiber assembly format
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Plenum rated PVC jacket 2.9mm leg diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

4FPINSM10-BO TEAL BREAKOUT STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 4 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Inner jackets approximately 2.0mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

4FPINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

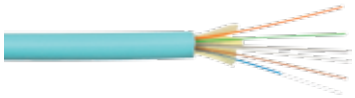


- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 4 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Plenum rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliants

BULK FIBER CABLE: STRONGER, SAFER, FASTER (SSF®) FIBER

MULTIMODE OM3: PLENUM

6FPINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 6 FIBER OM3 50/125 MULTIMODE REEL



- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 6 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Plenum rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNP, CEC FT6, RoHS Compliant

MULTIMODE OM3: NON-PLENUM

1FRINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 1 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 1 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Flame rated PVC jacket 2.9mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

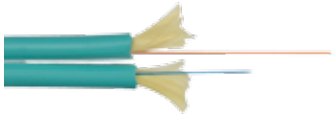
2FRINSM10-BO TEAL BREAKOUT STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Inner jackets approximately 2.0mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

2FRINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Flame rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

2FRINSM10-Z TEAL ZIPCORD STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 2 FIBER OM3 50/125 MULTIMODE REEL



- Patented coating 10,000 the flex life of normal glass
- Zipcord style SPT fiber assembly format
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Flame rated PVC jacket 2.9mm leg diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

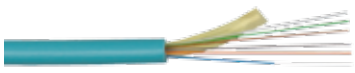
4FRINSM10-BO TEAL BREAKOUT STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 4 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Inner jackets approximately 2.0mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

4FRINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 4 FIBER OM3 50/125 MULTIMODE REEL

- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 4 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Flame rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

6FRINSM10-D TEAL MICRO-DISTRIBUTION STYLE STRONGER, SAFER, FASTER (SSF) INDOOR FIBER OPTIC CABLE 6 FIBER OM3 50/125 MULTIMODE REEL



- Patented coating over the cladding
- 10,000 times the flex life of standard fiber cables
- 6 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- 250 Micron Soft Peel color coded coating
- Aramid Yarn (Kevlar) Strength Members
- Flame rated PVC jacket 3.2mm diameter
- 3000 foot spools standard
- Fiber is cut-to-order for other lengths
- NEC OFNR, CEC FT4, RoHS Compliant

CONNECTORS: CORNING

CORNING: OM1

95-000-41

CORNING UNICAM SC FIBER OPTIC CONNECTOR FOR OM1 62.5/125

- SC Plug Format
- 62.5/125 Multimode Fiber OM1
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

95-000-51

CORNING UNICAM ST® COMPATIBLE FIBER OPTIC CONNECTOR FOR OM1 62.5/125

- ST Plug Format
- 62.5/125 Multimode Fiber
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

95-000-99

CORNING UNICAM LC FIBER OPTIC CONNECTOR FOR OM1 62.5/125

- LC Plug Format
- 62.5/125 Multimode Fiber
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

CORNING: OM2/3/4

95-050-41

CORNING UNICAM SC FIBER OPTIC CONNECTOR FOR OM2 50/125

- SC Plug Format
- 50/125 Multimode Fiber OM2
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

95-050-41-X

CORNING UNICAM SC FIBER OPTIC CONNECTOR FOR OM3/4 50/125

- SC Plug Format
- 50/125 Laser Optimized Multimode OM3 / OM4
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

95-050-51-X

CORNING UNICAM ST® COMPATIBLE FIBER OPTIC CONNECTOR FOR OM3/4 50/125

- ST Plug Format
- 50/125 Laser Optimized Multimode OM3 / OM4
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

95-050-99-X

CORNING UNICAM LC FIBER OPTIC CONNECTOR FOR OM3/4 50/125

- LC Plug Format
- 50/125 Laser Optimized Multimode OM3 / OM4
- Individual Bag with Multiple strain relief boots
- Fits both Breakout and Distribution style cable
- Specific for Corning Unicam PFC System

NEED HELP?

We offer technical assistance
on all of our products or applications!

Call us at 800-530-8998 or email

orders@LibAV.com

CONNECTORS: STRONGER, SAFER, FASTER (SSF®) / KEYSTONE

STRONGER, SAFER, FASTER (SSF®): OM1

FALCM10

LC PLUG FIELD ASSY OM3 10PK

- LC Plug Format
- 50/125 Multimode Fiber OM2/3/4
- Sold in multiples of 10 only
- Fits Breakout and Distribution style cable
- Ideal for Stronger, Safer, Faster (SSF) Fiber terminations

FASCM10

FIELD ASSEMBLY SC FIBER OPTIC CONNECTOR FOR OM3/4 MULTIMODE

- SC Plug Format
- 50/125 Multimode Fiber OM3 or OM4
- Sold in multiples of 10 only
- Fits Breakout and Distribution style cable
- Ideal for Stronger, Safer, Faster (SSF) Fiber terminations

KEYSTONE: MULTIMODE ALL

ISK-LC-WH

KEYSTONE COMPATIBLE LC DUPLEX MULTIMODE FIBER COUPLER INSERTS

- LC Multimode fiber optic coupler in pass through format
- Duplex format, 2 connectors per insert
- Multimode OM1, OM2, or OM3 applications
- Keystone snap in insert format
- Non-recessed design
- Compatible with Leviton plates and panels

TOOLING: CORNING / STRONGER, SAFER, FASTER (SSF®) / PULL SOCK

CORNING

TKT-UNICAM-PFC

CORNING UNICAM FIBER OPTIC TERMINATION SYSTEM

- Termination Tooling Kit for SC, LC, and ST Connectors
- Ergonomic Suitcase design can go anywhere
- All Supplies included, DVD and printed instructions
- Visual Fault Locator built into the termination tool
- Precision Cleaver

FCC-CLEANER-FIBER

CORNING FIBER OPTIC UNICAM TERMINATION SYSTEM FIBER CLEANING FLUID

- Single Dispensing bottle of Fiber Cleaning Fluid
- Replenishment for the TKT-UNICAM-PFC tool kit
- Can be used with any fiber or fiber tool kit

FCC-WIPES

CORNING FIBER OPTIC UNICAM TERMINATION SYSTEM FIBER CLEANING CLOTHS

- Single Dispensing bottle of Fiber Cleaning cloths
- Replenishment for the TKT-UNICAM-PFC tool kit
- Can be used with any fiber or fiber tool kit

STRONGER, SAFER, FASTER (SSF®)

LWFOTKT

FIELD ASSEMBLY FIBER OPTIC TERMINATION KIT

- Termination Tooling Kit for SC, LC, and ST Connectors
- Includes VFL, Cleaver, Scissors, Stripper
- Ideally set up for SSF Fiber Termination

PULL SOCK

PS2-6

PULLING SHEATH FIBER/HDMI

- 1" Clear Heavy Duty Shrink Tubing body
- 6' long
- Eyelet formed with heavy duty pulling tape
- Pulling tape wraps around bulk cable in an overlap
- Reusable many times

FULLY UPDATED TECH SPECS
For all products available online!
www.LibAV.com

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM1

DMM6LCLC | Duplex Fiber Optic Patch cable OM1 Standard Multimode LC-LC

Features and Benefits

- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to LC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6LCLC-001M	3.3′
DMM6LCLC-002M	6.6′
DMM6LCLC-003M	10′
DMM6LCLC-005M	16.5′
DMM6LCLC-010M	33′

DMM6LCSC | Duplex Fiber Optic Patch cable OM1 Standard Multimode LC-SC

Features and Benefits

- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6LCSC-001M	3.3′
DMM6LCSC-002M	6.6′
DMM6LCSC-003M	10′
DMM6LCSC-005M	16.5′
DMM6LCSC-010M	33′

DMM6LCST | Duplex Fiber Optic Patch cable OM1 Standard Multimode LC-ST

Features and Benefits

- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6LCST-001M	3.3′
DMM6LCST-002M	6.6′
DMM6LCST-003M	10′
DMM6LCST-005M	16.5′
DMM6LCST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM1

DMM6SCSC | Duplex Fiber Optic Patch cable OM1 Standard Multimode SC-SC

Features and Benefits
- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6SCSC-001M	3.3′
DMM6SCSC-002M	6.6′
DMM6SCSC-003M	10′
DMM6LCLC-005M	16.5′
DMM6SCSC-010M	33′

DMM6SCST | Duplex Fiber Optic Patch cable OM1 Standard Multimode SC-ST

Features and Benefits
- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6SCST-001M	3.3′
DOM3NSCSC-002M	6.6′
DMM6SCST-003M	10′
DMM6SCST-005M	16.5′
DMM6SCST-010M	33′

DMM6STST | Duplex Fiber Optic Patch cable OM1 Standard Multimode ST-ST

Features and Benefits
- OM1 62.5/125 Multimode Fiber
- Zipcord style plenum rated construction
- 2 x ST to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM6STST-001M	3.3′
DMM6STST-002M	6.6′
DMM6STST-003M	10′
DMM6STST-005M	16.5′
DMM6STST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM2

DMM5LCLC | Duplex Fiber Optic Patch cable OM2 Standard Multimode LC-LC

Features and Benefits

- OM2 50/125 Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to LC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5LCLC-001M	3.3′
DMM5LCLC-002M	6.6′
DMM5LCLC-003M	10′
DMM5LCLC-005M	16.5′
DMM5LCLC-010M	33′

DMM5LCSC | Duplex Fiber Optic Patch cable OM2 Standard Multimode LC-SC

Features and Benefits

- OM2 50/125 Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5LCSC-001M	3.3′
DMM5LCSC-002M	6.6′
DMM5LCSC-003M	10′
DMM5LCSC-005M	16.5′
DMM5LCSC-010M	33′

DMM5LCST | Duplex Fiber Optic Patch cable OM2 Standard Multimode LC-ST

Features and Benefits

OM2 50/125 Multimode Fiber

Zipcord style plenum rated construction

LC duplex to 2 x ST Connectivity

1, 2, 3 meters standard lengths, other lengths available on request

Orange colored jacket designates Standard Multimode

NEC OFNP, CEC FT6, RoHS compliant

Applications

10/100/1000 Ethernet Fiber Patching

A/V, Data, Control, Phone Support

Economical solution to field termination

Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5LCST-001M	3.3′
DMM5LCST-002M	6.6′
DMM5LCST-003M	10′
DMM5LCST-005M	16.5′
DMM5LCST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM2

DMM5SCSC | Duplex Fiber Optic Patch cable OM2 Standard Multimode SC-SC

Features and Benefits
- OM2 50/125 Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5SCSC-001M	3.3′
DMM5SCSC-002M	6.6′
DMM5SCSC-003M	10′
DMM5SCSC-005M	16.5′
DMM5SCSC-010M	33′

DMM5SCST | Duplex Fiber Optic Patch cable OM2 Standard Multimode SC-ST

Features and Benefits
- OM2 50/125 Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5SCST-001M	3.3′
DMM5SCST-002M	6.6′
DMM5SCST-003M	10′
DMM5SCST-005M	16.5′
DMM5SCST-010M	33′

DMM5STST | Fiber Optic Patch cable OM2 Standard Multimode ST-ST

Features and Benefits
- OM2 50/125 Multimode Fiber
- Zipcord style plenum rated construction
- 2 x ST to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Orange colored jacket designates Standard Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000 Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM5STST-001M	3.3′
DMM5STST-002M	6.6′
DMM5STST-003M	10′
DMM5STST-005M	16.5′
DMM5STST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM3

DMM10LCLC | Duplex Fiber Optic Patch cable OM1 Standard Multimode LC-LC

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to LC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10LCLC-001M	3.3′
DMM10LCLC-002M	6.6′
DMM10LCLC-003M	10′
DMM10LCLC-005M	16.5′
DMM10LCLC-010M	33′

DMM10LCSC | Duplex Fiber Optic Patch cable OM3 Laser Optimized Multimode LC-SC

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10LCSC-001M	3.3′
DMM10LCSC-002M	6.6′
DMM10LCSC-003M	10′
DMM10LCSC-005M	16.5′
DMM10LCSC-010M	33′

DMM10LCST | Duplex Fiber Optic Patch cable OM3 Laser Optimized Multimode LC-ST

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- LC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10LCST-001M	3.3′
DMM10LCST-002M	6.6′
DMM10LCST-003M	10′
DMM10LCST-005M	16.5′
DMM10LCST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

MULTIMODE OM3

DMM10SCSC | Duplex Fiber Optic Patch cable OM3 Laser Optimized Multimode SC-SC

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10SCSC-001M	3.3′
DMM10SCSC-002M	6.6′
DMM10SCSC-003M	10′
DMM10SCSC-005M	16.5′
DMM10SCSC-010M	33′

DMM10STSC | Duplex Fiber Optic Patch cable OM3 Laser Optimized Multimode SC-ST

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- SC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10STSC-001M	3.3′
DMM10STSC-002M	6.6′
DMM10STSC-003M	10′
DMM10STSC-005M	16.5′
DMM10STSC-010M	33′

DMM10STST | Duplex Fiber Optic Patch cable OM3 Laser Optimized Multimode ST-ST

Features and Benefits

- OM3 50/125 Laser Optimized Multimode Fiber
- Zipcord style plenum rated construction
- 2 x ST to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Aqua colored jacket designates Laser Optimized Multimode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G Ethernet Fiber Patching
- Crestron, AMX, Savant system support
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DMM10STST-001M	3.3′
DMM10STST-002M	6.6′
DMM10STST-003M	10′
DMM10STST-005M	16.5′
DMM10STST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

SINGLEMODE

DSMLCLC | Duplex Fiber Optic Patch cable OS1 Single Mode LC-LC

Features and Benefits

- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- LC duplex to LC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

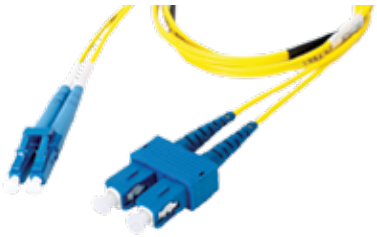
Applications

- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMLCLC-001M	3.3′
DSMLCLC-002M	6.6′
DSMLCLC-003M	10′
DSMLCLC-005M	16.5′
DSMLCLC-010M	33′

DSMLCSC | Duplex Fiber Optic Patch cable OS1 Single Mode LC-SC



Features and Benefits

- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- LC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMLCSC-001M	3.3′
DSMLCSC-002M	6.6′
DSMLCSC-003M	10′
DSMLCSC-005M	16.5′
DSMLCSC-010M	33′

DSMLCST | Duplex Fiber Optic Patch cable OS1 Single Mode LC-ST

Features and Benefits

- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- LC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

Applications

- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMLCST-001M	3.3′
DSMLCST-002M	6.6′
DSMLCST-003M	10′
DSMLCST-005M	16.5′
DSMLCST-010M	33′

PRE-MADE PATCH CABLES: STANDARD TIGHT BUFFERED

SINGLEMODE

DSMSCSC | Duplex Fiber Optic Patch cable OS1 Single Mode SC-SC

Features and Benefits
- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- SC duplex to SC duplex Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMSCSC-001M	3.3′
DSMSCSC-002M	6.6′
DSMSCSC-003M	10′
DSMSCSC-005M	16.5′
DSMSCSC-010M	33′

DSMSCST | Duplex Fiber Optic Patch cable OS1 Single Mode SC-ST

Features and Benefits
- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- SC duplex to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMSCST-001M	3.3′
DSMSCST-002M	6.6′
DSMSCST-010M	33′

DSMSTST | Duplex Fiber Optic Patch cable OS1 Single Mode ST-ST

Features and Benefits
- OS1 9/125 Single Mode Fiber
- Zipcord style plenum rated construction
- 2 x ST to 2 x ST Connectivity
- 1, 2, 3 meters standard lengths, other lengths available on request
- Yellow colored jacket designates Single Mode
- NEC OFNP, CEC FT6, RoHS compliant

Applications
- 10/100/1000/10G/40G/100G Ethernet Fiber Patching
- A/V, Data, Control, Phone Support
- TELCO, HD Security, High Bandwidth Signals
- Economical solution to field termination
- Always patch out to equipment! It is the standard

PART #

MODEL	Description
DSMSTST-001M	3.3′
DSMSTST-002M	6.6′
DSMSTST-003M	10′
DSMSTST-005M	16.5′

MULTIMODE OM3

DOM3NLCLC | Stronger, Safer, Faster (SSF) Lifetime Fiber Optic Patch cable OM3 Laser Optimized Multimode LC-LC

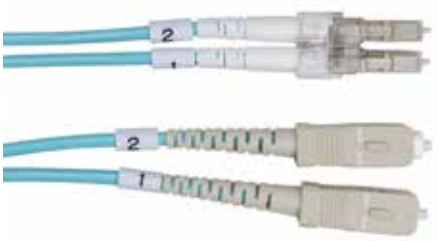
Features and Benefits
- Duplex LC to Duplex LC FPC/SPC Format Connectors
- Stronger, Safer, Faster (SSF) fiber bulk cable
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- Standard lengths 1, 2, 3, 5, and 10 meters
- NEC OFNR, CEC FT4, RoHS Compliant

Applications
- Super strong long life duplex fiber patch cables
- LAN 10/100/1000/10G Ethernet
- Digital Multimedia patching and interconnection
- Crestron, AMX, and Savant standard fiber specification

PART #

MODEL	Description
DOM3NLCLC-001M	3.3′
DOM3NLCLC-002M	6.6′
DOM3NLCLC-003M	10′
DOM3NLCLC-005M	16.5′
DOM3NLCLC-010M	33′

DOM3NLCSC | Stronger, Safer, Faster (SSF) Lifetime Fiber Optic Patch cable OM3 Laser Optimized Multimode LC-SC



Features and Benefits
- Duplex LC to Duplex SC FPC/SPC Format Connectors
- Stronger, Safer, Faster (SSF) fiber bulk cable
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- Standard lengths 1, 2, 3, 5, and 10 meters
- NEC OFNR, CEC FT4, RoHS Compliant

Applications
- Super strong long life duplex fiber patch cables
- LAN 10/100/1000/10G Ethernet
- Digital Multimedia patching and interconnection
- Crestron, AMX, and Savant standard fiber specification

PART #

MODEL	Description
DOM3NLCSC-001M	3.3′
DOM3NLCSC-002M	6.6′
DOM3NLCSC-003M	10′
DOM3NLCSC-005M	16.5′
DOM3NLCSC-010M	33′

DOM3NSCSC | Stronger, Safer, Faster (SSF) Lifetime Fiber Optic Patch cable OM3 Laser Optimized Multimode SC-SC

Features and Benefits
- Duplex SC to Duplex SC FPC/SPC Format Connectors
- Stronger, Safer, Faster (SSF) fiber bulk cable
- 10,000 times the flex life of standard fiber cables
- 2 Fiber 50/125 Laser Optimized Multimode OM3 Fiber
- Standard lengths 1, 2, 3, 5, and 10 meters
- NEC OFNR, CEC FT4, RoHS Compliant

Applications
- Super strong long life duplex fiber patch cables
- LAN 10/100/1000/10G Ethernet
- Digital Multimedia patching and interconnection
- Crestron, AMX, and Savant standard fiber specification

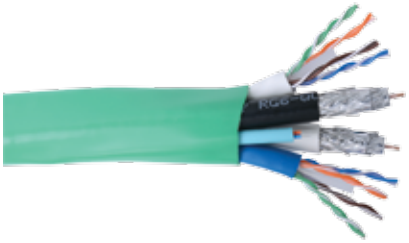
PART #

MODEL	Description
DOM3NSCSC-001M	3.3′
DOM3NSCSC-002M	6.6′
DOM3NSCSC-003M	10′
DOM3NSCSC-005M	16.5′
DOM3NSCSC-010M	33′

PRE-MADE PATCH CABLES: STRONGER, SAFER, FASTER (SSF®) FIBER

STRUCTURED CABLE WITH FIBER

CEBUS-F | Green Structured Solutions 2 RG6Q BC + 2 Category 6 + a 2 Fiber OM3 jacketed composite cable Reel



Features and Benefits

- Single Pull Multimedia Cable design
- 2 RG6 Bare Copper Quad Shield RF Cables
- 2 Category 6 U/UTP LAN cables
- 2 Fiber 50/125 OM3 Multimode fiber Cable
- All 5 Components under one overall Jacket
- NEC CM, CEC CMG FT4, RoHS Compliant
- 500 Foot Spools Standard

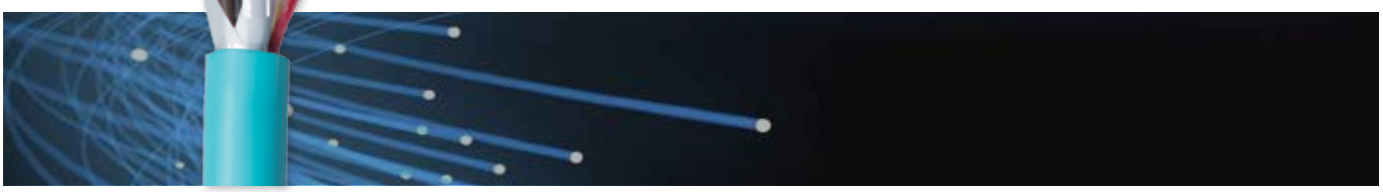
Applications

- Smart Home Wiring with Fiber Optic Support
- Structured Cabling installations in Residential apps
- Crestron, AMX, Savant Fiber support
- RF Video, CATV, DBS, MATV, Security, Cable Modem
- LAN 10/100/1000BaseT Ethernet, Voice, Voice over IP

SSF BULK FIBER SOLUTIONS

Stronger, Safer and Faster than standard fiber optic cable!

- **10,000x's THE FLEX LIFE OF STANDARD FIBER!** Extremely high mechanical fatigue rating. This makes SSF Fiber 10,000x's less susceptible to breaking due to bending. SSF Fiber has a pull tension that is 2.5 – 4x's that of UTP!
- **NEARLY IMPOSSIBLE TO GENERATE GLASS SLIVERS DURING STANDARD USE!** SSF Fiber is completely safe to handle & will not present the inherent safety concerns that conventional glass fiber brings.
- **33% LABOR SAVINGS USING OUR FIELD TERMINABLE SC PLUGS.** The termination process for SSF Fiber is very simple; it does not require a trained/certified fiber technician.
- **THE PATENTED POLYMER COATING ON SSF FIBER.** Guarantees no contamination reaches the underlying glass. Moisture, dirt & even human skin oils are kept from the signal carrying core & cladding by the proprietary coating. This feature increases the lifetime of the fiber well above & beyond standard fiber constructions.
- **MICRO-DISTRIBUTION SSF FIBER IS THE ULTIMATE IN SMALL DIAMETER FIBER CABLE.** Have a small conduit? Pull many more fibers than standard construction tight buffer fiber solutions. Even the armored fiber measures in under ¼ inch in diameter for up to 12 fibers.



FIBER ENCLOSURES

WALL MOUNT

SPH-01P

CORNING WALL MOUNT SINGLE PANEL FIBER OPTIC ENCLOSURE

- Wall Mount Fiber Enclosure
- 1 Snap in Panel accomodation, up to 24 Fibers with LC panels
- Black

WCH-02P

CORNING WALL MOUNT 2 PANEL FIBER OPTIC ENCLOSURE

- Wall Mount Fiber Enclosure
- 2 Snap in Panel accomodation, up to 48 Fibers with LC panels
- Black

WCH-04P

CORNING WALL MOUNT 4 PANEL FIBER OPTIC ENCLOSURE

- Wall Mount Fiber Enclosure
- 4 Snap in Panel accomodation, up to 96 Fibers with LC panels
- Black

RACK MOUNT

CCH-01U

CORNING RACK MOUNT 1RU 2 PANEL FIBER OPTIC ENCLOSURE

- 1RU in height, standard 19" rack mount
- 2 Snap in Panel accomodation, up to 48 Fibers with LC panels
- Black

CCH-04U

CORNING RACK MOUNT 4RU 12 PANEL FIBER OPTIC ENCLOSURE

- Rack mount 4RU high fiber enclosure
- Holds twelve snap in CCH-CP* patch panels
- Support from 1 to 288 fibers (LC High Density)
- Black metal construction w/platinum color interior
- Slide out tray and clear see-through lid

FULLY UPDATED TECH SPECS
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FIBER SNAP IN PATCH PANELS

MULTIMODE OM1

CCH-CP12-91

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM1 62.5/125 MULTIMODE 6 X SC DUPLEX

- 6 Duplex SC Couplers mounted in a single snap in plate
- Color Coded for OM1 62.5/125 Multimode

CCH-CP12-A8

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM1 62.5/125 MULTIMODE 6 X LC DUPLEX

- 6 Duplex LC Couplers mounted in a single snap in plate
- Color Coded for OM1 62.5/125 Multimode

CCH-CP06-56

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM1 62.5/125 MULTIMODE 6 X SC

- 6 Simplex SC Couplers mounted in a single snap in plate
- Color Coded for OM1 62.5/125 Multimode

FIBER SNAP IN PATCH PANELS

MULTIMODE OM1

CCH-CP12-15T

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM1 62.5/125 MULTIMODE 12 X ST

- 12 ST Couplers mounted in a single snap in plate
- Color Coded for OM1 62.5/125 Multimode

CCH-CP12-56

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM1 62.5/125 MULTIMODE 12 X SC

- 12 Simplex SC Couplers mounted in a single snap in plate
- Color Coded for OM1 62.5/125 Multimode

NEED HELP?

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MULTIMODE OM2 R5J

CCH-CP12-G7

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM2 50/125 MULTIMODE 6 X SC DUPLEX

- 6 Duplex SC Couplers mounted in a single snap in plate
- Color Coded for OM2 50/125 Multimode

MULTIMODE OM3

CCH-CP12-E4

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM3 50/125 LASER OPTIMIZED MULTIMODE 6 X LC DUPLEX

- 6 Duplex LC Couplers mounted in a single snap in plate
- Color Coded for OM3 50/125 Laser Optimized Multimode

CCH-CP12-E7

CORNING SNAP IN FIBER OPTIC PATCH PANEL OM3/4 50/125 LASER OPTIMIZED MULTIMODE 6 X SC DUPLEX

- 6 Duplex SC Couplers mounted in a single snap in plate
- Color Coded for OM3/4 50/125 Laser Optimized Multimode

SINGLEMODE

CCH-CP06-19T

CORNING SNAP IN FIBER OPTIC PATCH PANEL OS1 SINGLE MODE 6 X ST

- 6 ST Couplers mounted in a single snap in plate
- Color Coded for OS1 9/125 Single Mode

CCH-CP06-3C

CORNING SNAP IN FIBER OPTIC PATCH PANEL OS1 SINGLE MODE 6 X SC SIMPLEX

- 6 Simplex SC Couplers mounted in a single snap in plate
- Color Coded for OS1 9/125 Single Mode

CCH-CP12-59

CORNING SNAP IN FIBER OPTIC PATCH PANEL OS1 SINGLE MODE 6 X SC DUPLEX

- 6 Duplex SC Couplers mounted in a single snap in plate
- Color Coded for OS1 9/125 Single Mode

FIBER ELECTRONICS: MEDIA CONVERTERS

LAN NETWORK

NMC1012R 10/100/1000BASETX TO 1000BASEFX MANAGED MEDIA CONVERTER (850, MMF, SC,220/550 M)

- Transceiver box format with Duplex SC Fiber Connectivity
- Multimode OM1, OM2, OM3, or OM4 Fiber
- Compliant with IEEE 802.3ab 1000BaseT
- Compliant with IEEE802.3z 1000BaseSX/LX Gigabit Ethernet
- Provides 19" system chassis for up to 16 converters
- OM1 Fiber to 220m, OM2-4 Fiber to 550m
- Supports Full Duplex Auto negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Dip Switchs: Fiber (auto/manual), LLR (Enable/Disable)

NMC1012RSM 10/100/1000BASETX TO 1000BASEFX MANAGED MEDIA CONVERTER (1310, SMF, SC, 10KM)

- Transceiver box format with Duplex SC Fiber Connectivity
- Single Mode Fiber
- Compliant with IEEE 802.3ab 1000BaseT
- Compliant with IEEE802.3z 1000BaseSX/LX Gigabit Ethernet
- Single Mode fiber to 20Km
- Supports Full Duplex Auto negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Dip Switchs: Fiber (auto/manual), LLR (Enable/Disable)
- Provides 19" system chassis for up to 16 converters

NMC220PR 10/100/1000BASETX TO 1000BASEFX POE PD MEDIA CONVERTER (850, MMF, SC,220/550 M)

- Transceiver box format with Duplex SC Fiber Connectivity
- Multimode OM1, OM2, OM3, or OM4 Fiber
- Compliant with IEEE 802.3ab 1000BaseT
- Compliant with IEEE802.3z 1000BaseSX/LX Gigabit Ethernet
- OM1 Fiber to 220m, OM2-4 Fiber to 550m
- Supports Full Duplex Auto negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Dip Switchs: Fiber (auto/manual), LLR (Enable/Disable)
- Power Over Ethernet (PoE) Powered

NMC220PS 10/100/1000BASETX TO 1000BASEFX POE PSE MEDIA CONVERTER (850, MMF, SC,220/550 M)

- Transceiver box format with Duplex SC Fiber Connectivity
- Single Mode Fiber
- Compliant with IEEE 802.3ab 1000BaseT
- Compliant with IEEE802.3z 1000BaseSX/LX Gigabit Ethernet
- Single Mode fiber to 20Km
- Supports Full Duplex Auto negotiation mode for Fiber port
- Front panel diagnostic LED indications
- Dip Switchs: Fiber (auto/manual), LLR (Enable/Disable)
- Power Over Ethernet (PoE) Powered

N10GMM 1-P 10GBASE-SX MINI-GBIC MODULE (MM,SFP+, 850NM)

- SFP+ format with Duplex LC Fiber Connectivity
- Multimode OM3, or OM4 Fiber
- Compliant with IEEE802.3ae 10G BASE SW/SR
- Compliant with 10G,8.5G,4.25G,2.125G,1.0625G Fiber CH
- Compliant with IEEE802.3z Gigabit Ethernet standard
- Compliant with SFF8472 diagnostic monitoring
- Differential LVPECL inputs and CML outputs
- Single power supply 3.3V
- TTL signal detect indicator
- Hot Pluggable
- Class 1 laser product complies with EN 60825-1

N10GSM 1-P 10GBASE-SX MINI-GBIC MODULE (SM,SFP+, 1310NM)

- SFP+ format with Duplex LC Fiber Connectivity
- Single Mode Fiber
- Compliant with IEEE802.3ae 10G BASE SW/SR
- Compliant with 10G,8.5G,4.25G,2.125G,1.0625G Fiber CH
- Compliant with IEEE802.3z Gigabit Ethernet standard
- Compliant with SFF8472 diagnostic monitoring
- Differential LVPECL inputs and CML outputs
- Single power supply 3.3V
- TTL signal detect indicator
- Hot Pluggable
- Class 1 laser product complies with EN 60825-1

NVMSX550U 1-P 1000BASE-SX MINI-GBIC MODULE (MM, SFP)

- Industry standard small form pluggable (SFP) package
- Multimode fiber required OM1,OM2,OM3 or OM4
- Duplex LC receptacle
- Differential LVPECL inputs and outputs
- Single power supply 3.3V
- TTL signal detect indicator
- Hot pluggable
- Class 1 laser compliant to EN 60825-1
- Compliant 100-MS-S-I/100-M6-SN-I, 802.32 Gigabit Ethernet

NVSM550U 1-P 1000BASE-SX MINI-GBIC MODULE (MM, SFP)

- Digital Diagnostics are Internal Calibrated
- Operation Temperature: 0~70C
- 850nm oxide VCSEL, Duplex LC receptacles
- 550m link distance(indicative only)
- Hot pluggable
- Metal enclosure, low EMI
- Single 3.3V power supply
- Low Power Dissipation

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

MFS-DVI-T-M-SC-VO | Multiformat (DVI/VGA/SV/CV) Scaler without Audio, 1-Fiber Transmitter

Features and Benefits

- Standalone Box Format
- Resolutions up to WUXGA 1920X1200@60Hz
- Inputs: VGA, DVI, NTSC/PAL BNC, S-Video 6-Pin MiniDIN
- Consolidates different video formats into 1 DVI over fiber
- Auto-Senses input
- Video only solution

Applications

- Permit many video inputs into a Digital Video application
- Presentation solutions, high use with many user apps
- Commercial Video, Medical, Digital Signage

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FIBER ELECTRONICS: HDMI OVER FIBER

ACTIVE OPTICAL EXTENSION

DFO | Celerity Plenum rated Fiber Optic HDMI long distance cable

Features and Benefits
- Plenum rated cable for all installations
- Ultra-Small diameter cable
- Detachable HDMI TX and RX units from main body
- USB Power A plug on both TX and RX units
- TX end only needs USB power if the LED does not illuminate
- Lengths: 35, 40, 50, 60, 80, 100, 160, 200, 500, 1000 ft
- HDMI High Speed, 10.2Gbps, 4Kx2K, 3D, all Audio formats

Applications
- HDMI Projectors, Displays in commercial and residential
- Maximum bandwidth and distance needs for HDMI installs

PART #

MODEL	Description
DFO-35P	35′
DFO-40P	40′
DFO-50P	50′
DFO-60P	60′
DFO-80P	80′
DFO-100P	100′
DFO-160P	160′
DFO-200P	200′
DFO-300P	300′
DFO-500P	500′
DFO-1000P	1000′
DFO-RX	Receiver Connector

DL-AOCHP | Digitalinx Plenum rated Hybrid Copper / Fiber Optic HDMI long distance cable

Features and Benefits
- Plenum rated cable for all installations
- Ultra-Small diameter cable
- No additional power required
- Hybrid Copper/Fiber supports Hot Plug Detect
- Lengths: 10,15,20,23,30,40,50,60,70,80,90, and 100m
- HDMI High Speed, 6.75Gbps, 1080P, 3D, all Audio formats
- Does not support Ethernet or Audio Return

Applications
- HDMI Projectors, Displays in commercial and residential
- Long distance cabling used with switches and DA's
- Digital Signage applications

PART #

MODEL	Description
DL-AOCHP-010M	33′
DL-AOCHP-015M	50′
DL-AOCHP-020M	65′
DL-AOCHP-023M	75′
DL-AOCHP-030M	100′
DL-AOCHP-050M	165′
DL-AOCHP-060M	197′

DL-HFC | DigitaLinx Plenum rated Hybrid Copper / Fiber Optic HDMI with detachable heads

Features and Benefits
- Plenum rated cable for all installations
- Ultra-Small diameter cable
- Detachable HDMI TX and RX units from main body
- No external power needed, uses equipment power
- NEC CMP-OF, CEC FT6, HDCP 2.2, RoHS Compliant
- Lengths: 25, 35, 50, and 75 feet
- HDMI High Speed, 10.2 Gbps 4K@30Hz, 3D, all audio

Applications
- HDMI Projectors, Displays in commercial and residential
- Maximum bandwidth and distance needs for HDMI installs

PART #

MODEL	Description
DL-HFC-025F	25′
DL-HFC-035F	35′
DL-HFC-050F	50′
DL-HFC-075F	75′
DL-HFC-100F	100′

ACTIVE OPTICAL EXTENSION

FOG | Celerity Technologies Fiber Optic Gateway (FOG) umbilical

Features and Benefits
- Plenum rated cable for all installations
- Ultra-Small diameter cable
- Very low profile head for ease of pulling
- Connects the FOG TX and RX units
- Lengths: 40, 60, 80, 100, 160, 200, 500, 1000 ft
- HDMI 2.0 19.2 Gbps, supports 4K@60Hz

Applications
- HDMI Video and Audio for projectors and Displays
- Maximum bandwidth and distance for HDMI installs

PART #

MODEL	Description
FOG-40P	40′
FOG-500P	500′
FOG-60P	60′
FOG-80P	80′
FOG-100P	100′
FOG-160P	160′
FOG-200P	200′
FOG-1000P	1000′

FOG-RXCB | Celerity Fiber Optic Gateway Receive box

Features and Benefits
- FOG Control Box Receiver
- Uses Mini connectors for Fiber interface
- Ultra-Small diameter cable
- Very low profile head for ease of pulling
- Connect with the pre-made FOG umbilical cables
- RS232, IR, 10/100BASE-T Ethernet and USB HID
- HDMI 2.0 19.2 Gbps, supports 4K@60Hz, CEC, HDCP

Applications
- HDMI and control for projectors, Displays, and systems
- Maximum bandwidth and distance for HDMI installs

FOG-TXCB | Celerity Fiber Optic Gateway Transmit box

Features and Benefits
- FOG Control Box Transmitter
- Uses Mini connectors for Fiber interface
- Ultra-Small diameter cable
- Very low profile head for ease of pulling
- Connect with the pre-made FOG umbilical cables
- RS232, IR, 10/100BASE-T Ethernet and USB HID
- HDMI 2.0 19.2 Gbps, supports 4K@60Hz, CEC, HDCP

Applications
- HDMI and control for projectors, Displays, and systems
- Maximum bandwidth and distance for HDMI installs

FIBER ELECTRONICS: HDMI OVER FIBER

ACTIVE OPTICAL EXTENSION

FOG-RXWP | Celerity Fiber Optic Gateway Receive Wall Plate

Features and Benefits
- FOG Wall Plate mounted Receiver
- Uses Mini connectors for Fiber interface
- Ultra-Small diameter cable
- Very low profile head for ease of pulling
- Connect with the pre-made FOG umbilical cables
- RS232, IR, 10/100BASE-T Ethernet and USB HID
- HDMI 2.0 19.2 Gbps, supports 4K@60Hz, CEC, HDCP

Applications
- HDMI and control for projectors, Displays, and systems
- Maximum bandwidth and distance for HDMI installs

FOG-TXWP | Celerity Fiber Optic Gateway Transmit Wall Plate

Features and Benefits
- FOG Wall Plate mounted Transmitter
- Uses Mini connectors for Fiber interface
- Ultra-Small diameter cable
- Very low profile head for ease of pulling
- Connect with the pre-made FOG umbilical cables
- RS232, IR, 10/100BASE-T Ethernet and USB HID
- HDMI 2.0 19.2 Gbps, supports 4K@60Hz, CEC, HDCP

Applications
- HDMI and control for projectors, Displays, and systems
- Maximum bandwidth and distance for HDMI installs

DEVICE TRANSPORT

DL-FO-HDLC | HDMI Fiber Optic Extender Set

Features and Benefits
- Extension up to 1000 ft (300m) over SM fiber
- Bandwidth up to 10.2 Gbps
- HDMI 1.4, HDCP 1.4 compliant
- LC connectors
- Compact design

Applications
- Extremely long HDMI extension in any environment
- EM and RF interference resistant

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

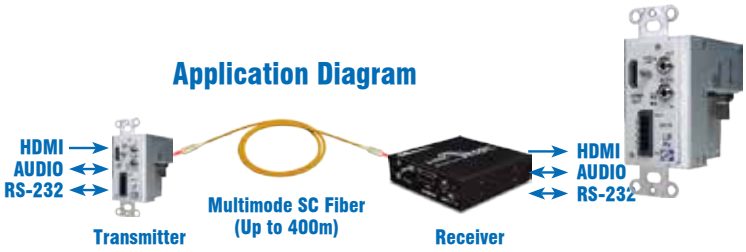
LINK BRIDGE™

LBO-HDMI-AD

HDMI 1-Way | AUDIO 2-Way | RS-232 2-Way

Link Bridge™ Fiber Optic HDMI Transmission Systems

Application Diagram



Wall-Plate (Tx & Rx) Stand-Alone (Tx & Rx)

VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	HDMI Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-HDMI-AD-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-HDMI-AD-R-M-SC, Fiber Receiver, Multimode, 1-Fiber

Add -WP for Wallplate configuration
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

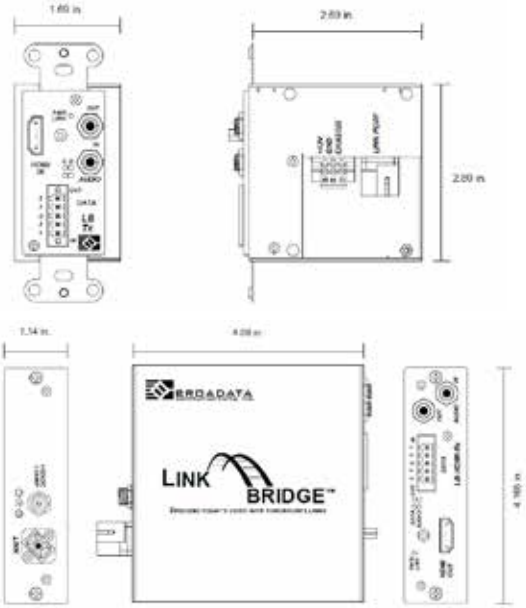
FEATURES

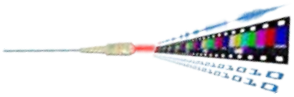
Extend HDMI Signals up to 400 meters Over Multimode Fiber
Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
Fully Uncompressed Video & Audio Provides Zero Loss of Quality
Supports True DDC/EDID/HDCP Transmission Over Fiber
Audio+Video+Data, Over 1 Multimode Fiber
Compatible with our LBO Series Products
Built-in Signal Conversion When Used with SDI, VGA, and S-video Transmitters

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS





DOING MORE WITH ONE FIBER

HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-HDMI-EAD

HDMI 1-Way | AUDIO 1-Way | RS-232 2-Way

Link Bridge™ Fiber Optic HDMI Transmission Systems

Application Diagram

Wall-Plate (Tx)

Stand-Alone (Tx)

VIDEO SPECIFICATIONS

Resolution	Up to 4K2K (UHD)
Connector	HDMI Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	L/R Analog/ 1 SPDIF
Operating Mode	Unbalanced (Stereo Audio), Digital Audio
Input Impedance	10KΩ (Stereo Audio) / 75Ω SPDIF
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio) / 1Vpp SPDIF
Magnitude Freq. Response	20Hz to 20KHz @ -3dB / 44.1K to 48KHz SPDIF
THD+N	>70 @ 1KHz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232 & IR (Infrared)
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.1"(D) x 1.1"(H)
Wall-plate	1.75"(W) x 2.70"(D) x 2.81"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-HDMI-EAD-T-M-SC, Video/Audio+Data Fiber Transmitter, Multimode, 1-Fiber
LBO-HDMI-EA-T-M-SC, Video/Audio Fiber Transmitter, Multimode, 1-Fiber

Add -WP for Wallplate configuration
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

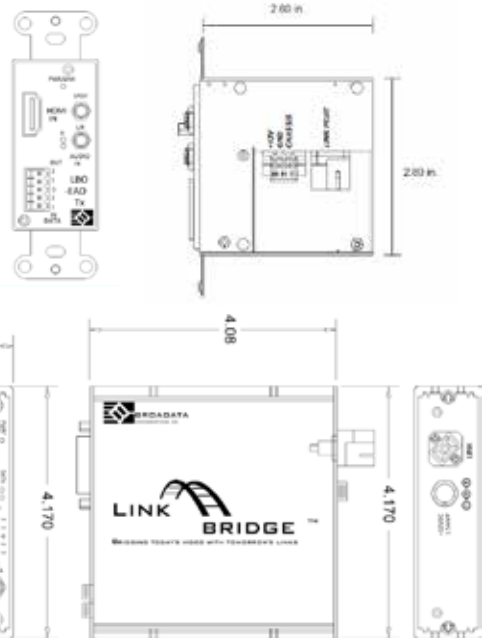
FEATURES

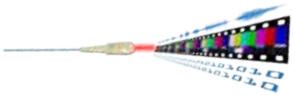
Extend DVI Signals & embedded Audio up to 300 meters Over CAT 5e/6
4K2K & Full HDTV Video Resolutions of 720p/1080i/1080p@60 Hz
Fully Uncompressed Video with embedded Audio Provides Zero Loss of Quality
Supports True DDC/EDID/HDCP Transmission Over Fiber
Audio/Video+Data, Over 1 Multimode Fiber
Extend DVI Signals up to 300 meters Over Multimode Fiber
Built-in Signal Conversion When Used with VGA Transmitters/ Receivers

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS





DOING MORE WITH ONE FIBER

RoHS 4K ULTRA HD HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

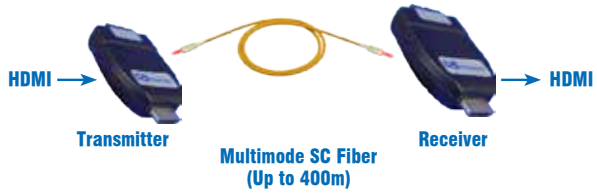
LINK BRIDGE™

LBO-HDMI

HDMI → 1-Way

Link Bridge™ Fiber Optic HDMI Transmission Systems

Application Diagram



Module (Tx & Rx)

VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	DVI Female Plug
Protocol	DDC/EDID/HDCP Capable

PHYSICAL

Dimensions	
Dimension (H x W x D)	0.66" x 1.54" x 3.05"
Power Consumption	+5VDC @ 1.0A
LED Indicator	Power/Link
Operating Temperature	0 to +50ºC
Humidity	0 to 95% RH, Non-Condensing

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

ORDERING INFORMATION

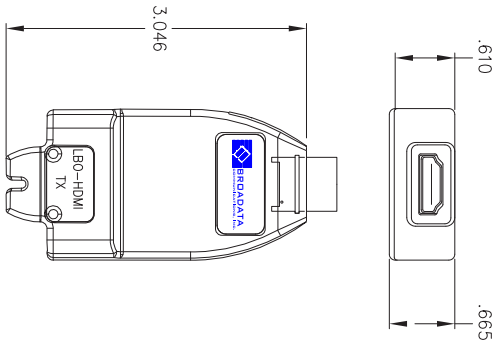
LBO-HDMI-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-HDMI-R-M-SC, Fiber Receiver, Multimode, 1-Fiber

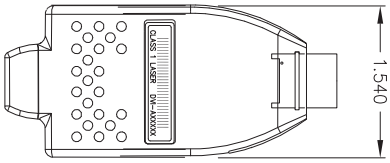
Add -UPS for International Universal Power Supply

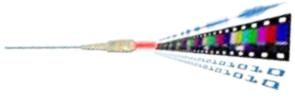
FEATURES

- Extend HDMI Signals up to 400 meters Over Multimode Fiber
- Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Supports True DDC/EDID/HDCP Transmission Over Fiber
- Video Over 1 Multimode Fiber
- Compatible with our LBO Series Products
- Built-in Signal Conversion When Used with SDI, VGA, and S-video Transmitters

DIMENSIONS







DOING MORE WITH ONE FIBER

HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

Preliminary

LBO-HDMI-T/R-4K6

HDMI
1-Way

Link Bridge™ Fiber Optic HDMI 2.0 Transmission Systems

Application Diagram

Module (Tx & Rx)

VIDEO SPECIFICATIONS

Resolution	Up to 4K @ 60Hz, 4:4:4
Connector	HDMI Male
Protocol	DDC/EDID/HDCP Capable

PHYSICAL

Dimensions	
Dimension (H x W x D)	0.46" x 1.19" x 3.47"
Power Consumption	+5VDC @ 1.0A
LED Indicator	Power/Link
Operating Temperature	0 to +40ºC
Humidity	0 to 95% RH, Non-Condensing

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

ORDERING INFORMATION

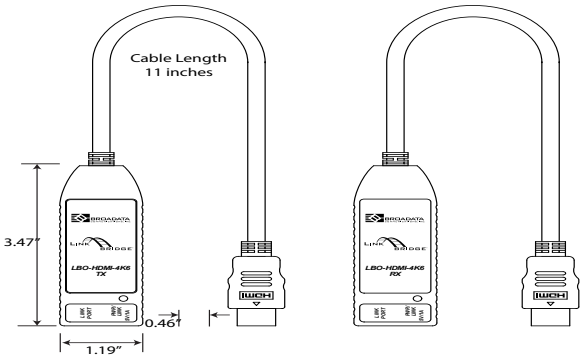
LBO-HDMI-T-4K6-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-HDMI-R-4K6-M-SC, Fiber Receiver, Multimode, 1-Fiber

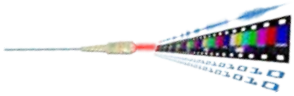
Add -UPS for International Universal Power Supply

FEATURES

- Extend HDMI 2.0 Signals up to 300 meters Over Multimode Fiber
- Video Resolutions up to 4K @ 60Hz, 4:4:4
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Supports True DDC/EDID/HDCP Transmission Over Fiber
- Video Over 1 Multimode Fiber

DIMENSIONS





DOING MORE WITH ONE CABLE

4K ULTRA HD
HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LB/LBO-HDMI-SCL

HDMI w/ Audio
1

Link Bridge™ Auto-Scaling Receiver System

Application Diagram

LB-SCL Auto-Scaling Receiver

LBO-SCL Optical Receiver/Scaler

LB-SCL HDMI-HDMI Scaler

VIDEO OUTPUT

Signal Format	HDMI
Graphic Resolution	Up to 1920 x 1200, 60 Hz
Frequency Bandwidth	1.65Gbps

AUDIO OUTPUT

Signal Format	L/R Analog
Audio Output Connector	3.5mm Stereo

OPTICAL TRANSMISSION

Fiber Type	Multimode
Number of fibers	1
Connector/ Distance	SC/ 400m

PHYSICAL

Dimension	1.12" x 8.36" x 5.89"
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LB-HDMI/DH-SCL, HDMI Video Scaler
LBO-HDMI-R-M-SCL, Auto-Scaling Optical Reciever, Single Multimode, HDMI

Add -CH for LB-CH chassis mount, Add -UPS for International Universal Power Supply

DIMENSIONS

DOING MORE WITH ONE FIBER

FEATURES

Supports Input/ Output Resolution up to 1920 x 1200 @ 60Hz
High performance video scaler with OSD Menu Control
Supports HDMI w/ embedded audio or de-embedded analog audio output
Compatible with LB-CH chassis rack mount system
Provides output picture adjustment on contrast, brightness, hue,saturation, sharpness, RGB level, and scan size
Auto-EDID support, Automatically detect the factory setting of the connected display
Supports 50/60Hz frame rate conversion

SUPPORTED RESOLUTIONS

Resolution	Type	Vertical Refresh Rate (Hz)
720 x 480	NTSC	59.94
640x480	480p	59.94
720x480	480p	59.94
720 x 480	480p	60
720 x 576	PAL I	50
1280 x 720	720p	50
1280 x 720	720p	59.94
1280 x 720	720p	60
1920 x 1080	1080i	50
1920 x 1080	1080i	59.94
1920 x 1080	1080i	60
1920x1080	1080p	25
1920 x 1080	1080p	29.97
1920 x 1080	1080p	30
1920 x 1080	1080p	50
1920 x 1080	1080p	59.94
1920 x 1080	1080p	60
640 x 480	VGA	60
640 x 480	VGA	72.809
640 x 480	VGA	75
800 x 600	SVGA	56.25
800 x 600	SVGA	60.317
800 x 600	SVGA	72.188
800 x 600	SVGA	75
1024 x 768	XGA	60.004
1024 x 768	XGA	70.069
1024 x 768	XGA	75.029
1152 x 864	XGA+	75
1280 x 1024	SXGA	60.02
1280 x 1024	SXGA	75.025
1600 x 1200	UXGA	60
1400 x 1050	SXGA+	59.948
1400 x 1050	SXGA+	59.978
1440 x 900	WXGA+	59.902
1440 x 900	WXGA+	59.888
1680 x 1050	WSXGA+1	59.883
1680 x 1050	WSXGA+2	59.954
1920 x 1200	WUXGA1	59.61

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DEVICE TRANSPORT

Optical/HDMI	Audio	RS-232	Control
1 Way	1-Way	2-Way	2-Way

LBO-H/O-EAD-R-ICP

Link Bridge™ Optical/HDMI Receiver with Inline Control Processor

OVERALL

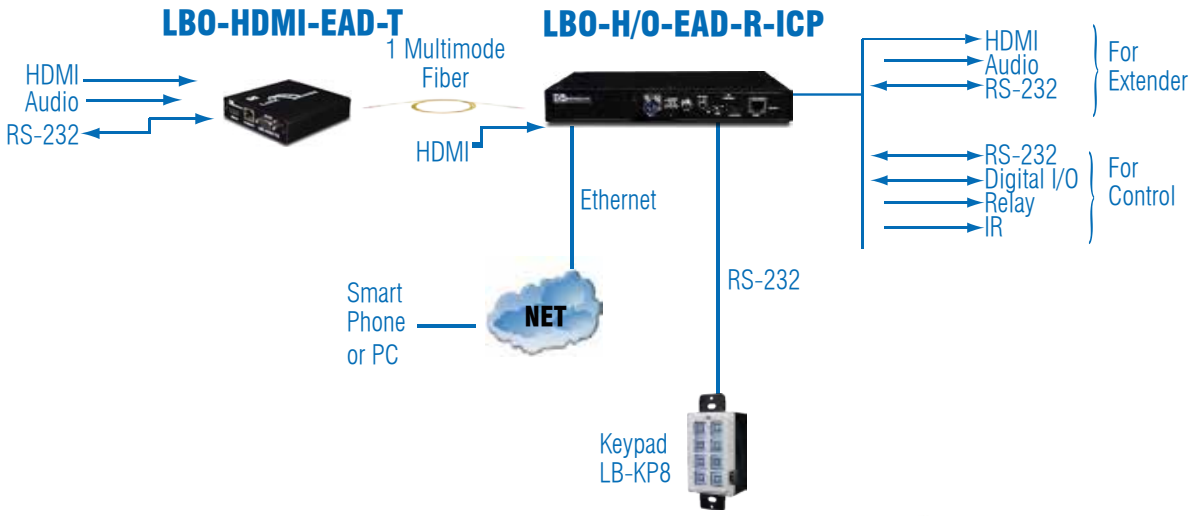
- A selectable optical or HDMI receiver with multiple control I/O ports
- Provides in-line control I/O paths

RECEIVER

- Receive HDMI, audio, and RS-232 up to 400 meters over 1 multimode fiber
- Supports video resolutions up to 1080p 60Hz and 1920 x 1200 @ 60Hz, as well as 4K@30Hz
- Supports HDMI w/embedded audio extraction
- EDID pass-through support, automatically detect the factory setting of the connected display

CONTROL

- Control I/O ports contain:
  - two (2) RS-232
  - two (2) Relay
  - two (2) Digital I/O
  - one (1) IR
  - one (1) Ethernet
- Control and monitor AV devices using a standard Ethernet network (Smart phone or PC) or RS-232 (keypad)
- Front panel port status indicators
- User friendly customizable control configurations via built-in web server



DOING MORE WITH ONE CABLE

HDCP

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-H/V-EAD

HDMI/VGA 1-Way | AUDIO 1-Way | RS-232* 2-Way

Link Bridge™ Fiber Optic HDMI/VGA Transmission Systems

Application Diagram

VIDEO SPECIFICATIONS

Resolution	4K2K or 1080p@60Hz or 1920x1200@60Hz
Connectors	HDMI Female Plug/ HD-15 VGA
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	1 L/R Analog/ 1 SPDIF
Operating Mode	Unbalanced (Stereo Audio), Digital Audio
Input Impedance	10k (Stereo Audio) / 75ohm SPDIF
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio) / 1Vpp SPDIF
Magnitude Freq. Response	20Hz to 20kHz @ -3dB / 44.1K to 48K Hz SPDIF
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA*

Channel Capacity	2
Signal Format	RS-232/ IR
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

* Wall plate does not support data transport

PHYSICAL

Dimensions	
Wall-plate	3.50"(W) x 2.68"(D) x 2.81"(H)
Stand-alone	8.36"(W) x 4.23"(D) x 1.12"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-H/V-EAD-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-H/V-EA-T-M-SC-WP, Wall-Plate Fiber Transmitter, Multimode, 1-Fiber

Add -UPS for International Universal Power Supply

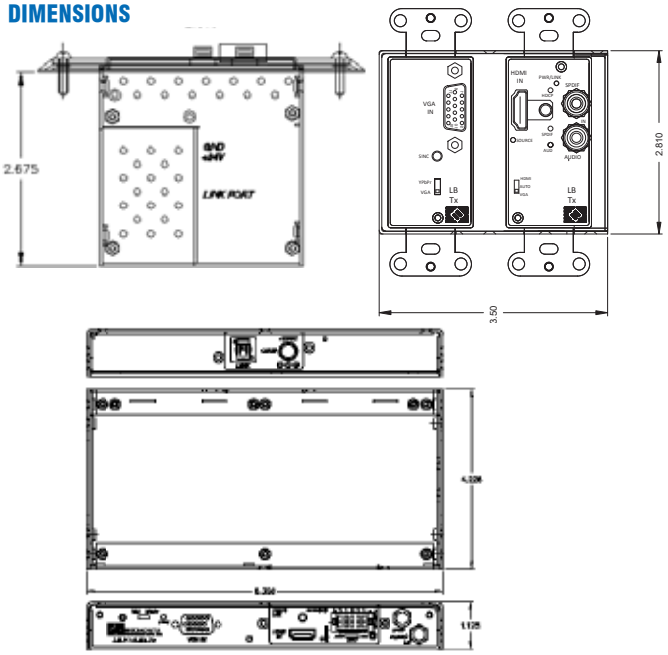
FEATURES

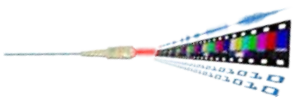
- Extend HDMI/VGA Signals up to 400 meters Over Multimode Fiber
- Ultra HD (4K2K) & HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video with embedded Audio Provides Zero Loss of Quality
- Selectable manual or auto-switching between VGA and HDMI inputs
- Video/Audio+Data over 1 Cable with True DDC/EDID/HDCP Transmission
- Compatible with our LBO Series Products
- Built-in Signal Conversion When Used with HDMI or DVI Receivers

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS





DOING MORE WITH ONE CABLE

RoHS | UL | CE | FC | 4K ULTRA HD | HDCP COMPLIANT

FIBER ELECTRONICS: DVI OVER FIBER

celeritytechnologies

ACTIVE OPTICAL EXTENSION

DFO-DVI | Celerity Detachable Fiber Optic Plenum DVI Single Link interconnection cables

Features and Benefits

- Plenum rated cable for all installations
- Ultra-Small diameter cable
- Detachable DVI TX and RX units from main body
- USB Power A plug on both TX and RX units
- TX end only needs USB power if the LED does not light up
- Lengths: 40, 60, 80, 100, 160, 200, 500, 1000 ft
- DVI Single Link Video with HDCP support

Applications

- DVI Video and Audio for projectors and Displays
- Maximum bandwidth and distance for DVI installs

PART #

MODEL	Description
DFO-DVI-35P	35'
DFO-DVI-40P	40'
DFO-DVI-50P	50'
DFO-DVI-60P	60'
DFO-DVI-80P	80'
DFO-DVI-100P	100'
DFO-DVI-160P	160'
DFO-DVI-200P	200'
DFO-DVI-500P	500'
DFO-DVI-1000P	1000'

FIBER ELECTRONICS: DISPLAY PORT OVER FIBER

ACTIVE OPTICAL EXTENSION

DFO-DP | Celerity Detachable Fiber Optic Plenum DisplayPort interconnection cables

Features and Benefits

- Plenum rated cable for all installations
- Ultra-Small diameter cable
- Detachable DisplayPort TX and RX units from main body
- USB Power A plug on both TX and RX units
- TX end only needs USB power if the LED does not light up
- Lengths: 40, 60, 80, 100, 160, 200, 500, 1000 ft
- DisplayPort High Bit Rate with Audio and HDCP support

Applications

- DisplayPort Video and Audio for projectors and Displays
- Maximum bandwidth and distance for DisplayPort installs

PART #

MODEL	Description
DFO-DP-1000P	1000'
DFO-DP-100P	100'
DFO-DP-160P	160'
DFO-DP-200P	200'
DFO-DP-40P	40'
DFO-DP-500P	500'
DFO-DP-60P	60'
DFO-DP-80P	80'

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DEVICE TRANSPORT

Preliminary

HDMI/DP 1-Way → | AUDIO 1-Way → | RS-232 2-Way ↔

LBO-H/DP-EAD-T

Link Bridge™ Fiber Optic HDMI/Display Port Transmission Systems

FEATURES

- Switch and extend HDMI or Display Port (DP++)signals up to 400 meters over multimode fiber
- HDTV video resolutions up to 720p/1080i/1080p@60Hz or 1920x1200@60Hz, as well as Ultra HD (4K2K@30Hz)
- Fully uncompressed video with embedded audio provides zero loss of quality
- Selectable manual or auto-switching between display port (DP++) and HDMI inputs
- Video/Audio+Data over 1 fiber with true DDC/EDID/ HDCP transmission
- Compatible with our LBO Series products
- Buitl-in signal conversion when used with HDMI or DVI receivers

DOING MORE WITH ONE CABLE

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-DVI-AD

DVI 1-Way | AUDIO 2-Way | RS-232 2-Way

Link Bridge™ Fiber Optic DVI Transmission Systems

Application Diagram

Wall-Plate (Tx & Rx)

Stand-Alone (Tx & Rx)

VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	DVI Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50ºC
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-DVI-AD-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-DVI-AD-R-M-SC, Fiber Receiver, Multimode, 1-Fiber

Add -WP for Wallplate configuration
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

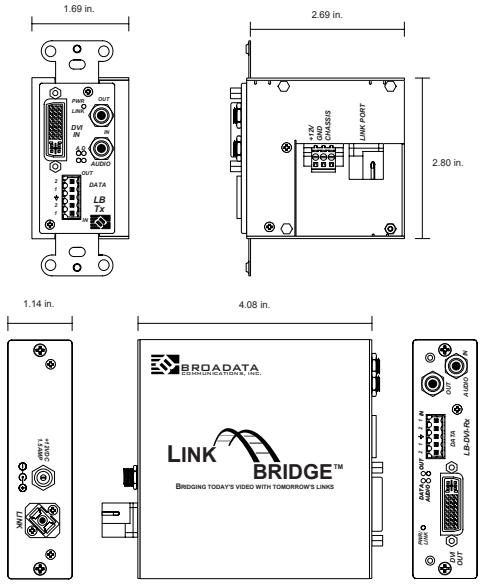
FEATURES

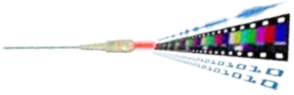
Extend DVI Signals up to 400 meters Over Multimode Fiber
Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
Fully Uncompressed Video & Audio Provides Zero Loss of Quality
Supports True DDC/EDID/HDCP Transmission Over Fiber
Audio+Video+Data, Over 1 Multimode Fiber
Compatible with our LBO Series Products
Built-in Signal Conversion When Used with SDI, VGA, and S-video Transmitters

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS





DOING MORE WITH ONE FIBER

RoHS | UL | CE | FC | HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-DVI-EAD

DVI 1-Way | AUDIO 1-Way | RS-232 2-Way

Link Bridge™ Fiber Optic DVI Transmission Systems

Application Diagram

Wall-Plate (Tx)

Stand-Alone (Tx)

VIDEO SPECIFICATIONS

Resolution	Up to 4K2K (UHD) & HDTV up to 1080p@60 Hz
Connector	DVI Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	L/R Analog/ 1 SPDIF
Operating Mode	Unbalanced (Stereo Audio), Digital Audio
Input Impedance	10KΩ (Stereo Audio) / 75Ω SPDIF
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio) / 1Vpp SPDIF
Magnitude Freq. Response	20Hz to 20KHz @ -3dB / 44.1K to 48KHz SPDIF
THD+N	>70 @ 1KHz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232 & IR
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-DVI-EAD-T-M-SC, Video/Audio+Data Fiber Transmitter, Multimode, 1-Fiber	
LBO-DVI-EA-R-M-SC, Video/Audio Fiber Transmitter, Multimode, 1-Fiber	

Add -WP for Wallplate configuration
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

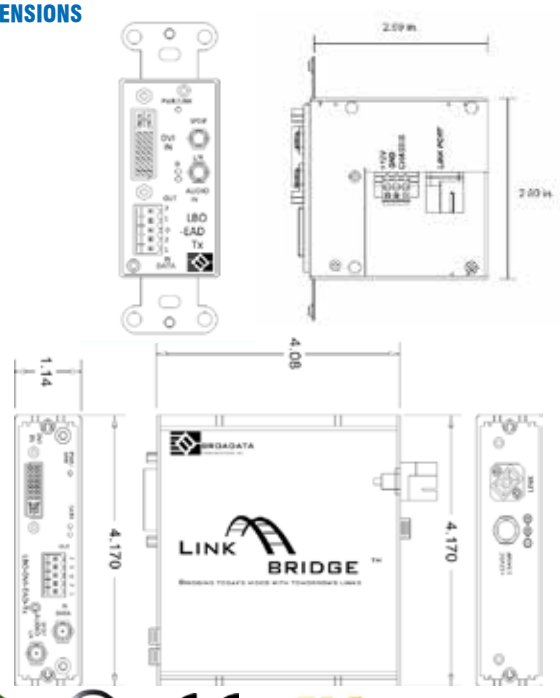
FEATURES

Extend DVI Signals & embedded Audio up to 300 meters Over CAT 5e/6
4K2K & Full HDTV Video Resolutions of 720p/1080i/1080p@60 Hz
Fully Uncompressed Video with embedded Audio Provides Zero Loss of Quality
Supports True DDC/EDID/HDCP Transmission Over Fiber
Audio/Video+Data, Over 1 Multimode Fiber
Extend DVI Signals up to 300 meters Over Multimode Fiber
Built-in Signal Conversion When Used with VGA Transmitters/ Receivers

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS



DOING MORE WITH ONE FIBER

RoHS UL CE 4K ULTRA HD HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-DVI

DVI
1-Way

Link Bridge™ Fiber Optic DVI Transmission Systems

Application Diagram

Module (Tx & Rx)

VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	DVI Male
Protocol	DDC/EDID/HDCP Capable

PHYSICAL

Dimensions	
Dimension (H x W x D)	0.65" x 1.58" x 3.12"
Power Consumption	+5VDC @ 1.0A
LED Indicator	Power/Link
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

ORDERING INFORMATION

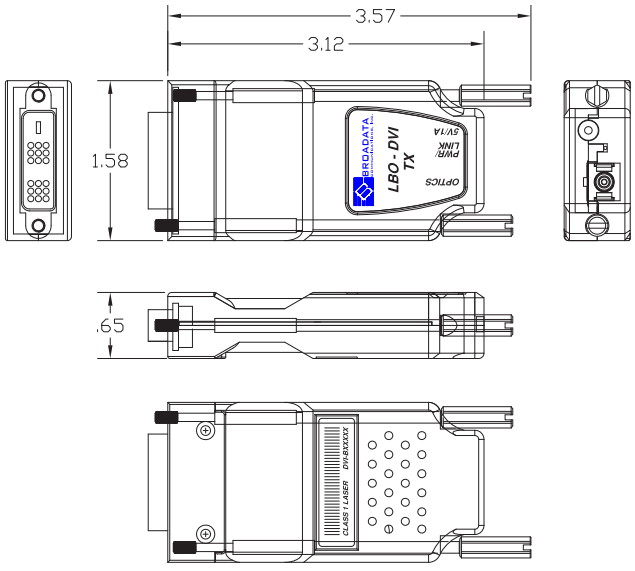
LBO-DVI-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-DVI-R-M-SC, Fiber Receiver, Multimode, 1-Fiber

Add -UPS for International Universal Power Supply

FEATURES

- Extend DVI Signals up to 400 meters Over Multimode Fiber
- Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Supports True DDC/EDID/HDCP Transmission Over Fiber
- Video Over 1 Multimode Fiber
- Compatible with our LBO Series Products
- Built-in Signal Conversion When Used with SDI, VGA, and S-video Transmitters

DIMENSIONS



DOING MORE WITH ONE CABLE

RoHS HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-VGA-AD

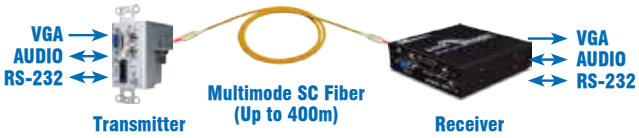
VGA 1-Way | AUDIO 2-Way | RS-232 2-Way

Link Bridge™ Fiber Optic VGA Transmission Systems

Wall-Plate (Tx & Rx)

Stand-Alone (Tx & Rx)

Application Diagram



VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	HD-15

AUDIO

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

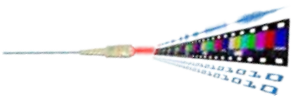
PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-VGA-AD-T-M-SC, Fiber Transmitter, Multimode, 1-Fiber
LBO-VGA-AD-R-M-SC, Fiber Receiver, Multimode, 1-Fiber
LBO-VGA/DH, VGA to DVI Converter*

Add -WP for Wallplate configuration (*LBO-VGA Converter does not support a -WP option)
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply



DOING MORE WITH ONE FIBER

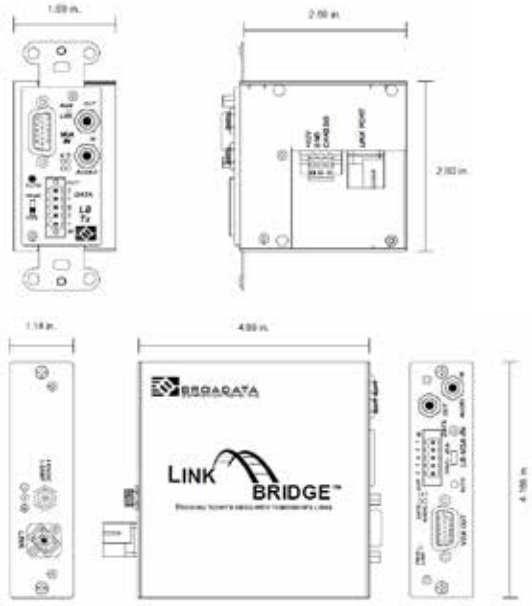
FEATURES

Extend VGA Signals up to 400 meters Over Multimode Fiber
Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
Fully Uncompressed Video & Audio Provides Zero Loss of Quality
Remote VGA/YPbPr Extension
Audio+Video+Data, Over 1 Multimode Fiber
Compatible with our LBO Series Products
Built-in Signal Conversion When Used with SDI, DVI, and S-video Transmitters

OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC
Laser	CLASS 1 LASER PRODUCT

DIMENSIONS



RoHS HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-VGA-EAD

VGA 1-Way | AUDIO 1-Way | RS-232 2-Way

Link Bridge™ Fiber Optic VGA Transmission Systems

Application Diagram

Wall-Plate (Tx)

Stand-Alone (Tx)

VIDEO SPECIFICATIONS

Resolution	Up to 1080p@60Hz or 1920x1200@60Hz
Connector	HD-15 Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	L/R Analog/ 1 SPDIF
Operating Mode	Unbalanced (Stereo Audio), Digital Audio
Input Impedance	10k (Stereo Audio) / 75ohm SPDIF
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio) / 1Vpp SPDIF
Magnitude Freq. Response	20Hz to 20kHz @ -3dB / 44.1K to 48K Hz SPDIF
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232 & IR (Infrared)
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

LBO-VGA-EAD-T-M-SC, Video/Audio+Data Fiber Transmitter, Multimode, 1-Fiber
LBO-VGA-EA-T-M-SC, Video/Audio Fiber Transmitter, Multimode, 1-Fiber

Add -WP for Wallplate configuration
Add -CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

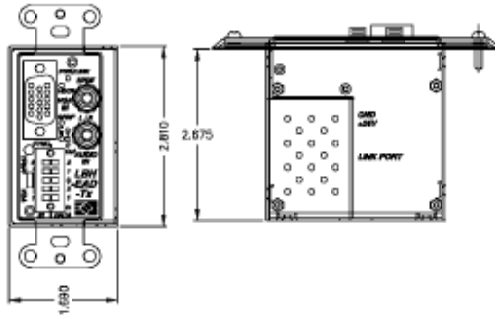
FEATURES

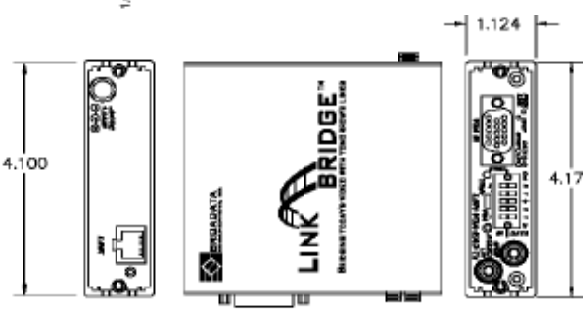
Extend VGA Signals up to 300 meters Over Multimode Fiber
Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
Fully Uncompressed Video with embedded Audio Provides Zero Loss of Quality
Supports True DDC/EDID/HDCP Transmission Over Fiber
Audio/Video+Data, Over 1 Multimode Fiber
Compatible with our LBO Series Products
Built-in Signal Conversion When Used with SDI, DVI, and S-video Receivers

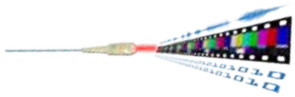
OPTICAL

Fiber Type	Multimode
Number of Fibers	1
Connector	SC

DIMENSIONS







DOING MORE WITH ONE FIBER

HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-SDI-AD

SD/HD/3G-SDI 1-Way | AUDIO 2-Way | RS-232 2-Way

Link Bridge™ Fiber Optic SDI Transmission Systems

Wall-Plate (Tx)

Stand-Alone (Tx)

Application Diagram

VIDEO SPECIFICATIONS

Input Format	SD-SDI, HD-SDI or 3G-SDI Video
Output Format	DVI/HDMI/VGA Compatible
Resolution*	Up to 1080p @ 60Hz
Connector	BNC

*Type	Resolution	Vertical Refresh Rate (Hz)
SMPTE 259M	480i (720x480)	59.94
SMPTE 259M	576i (720x576)	50
SMPTE 259M	720p (1280x720)	25, 29.97, 30, 50, 59.94, 60
SMPTE 259M	1080i (1920x1080)	50, 59.94, 60
SMPTE 424M	1080p (1920x1080)	25, 29.97, 30, 50, 59.94, 60

AUDIO**

Channel Capacity	2
Operating Mode	Unbalanced (Stereo Audio), Bi-directional
Input/Output Impedance	10k/50 Ohms (Stereo Audio)
Max. Input/Output Level	5 dBu/4Vpp (Stereo Audio)
Magnitude Freq. Response	20Hz to 20kHz @ -3dB
THD+N	>70 @ 1k Hz (Stereo Audio)
Connector	3.5mm Stereo Jack

** The stereo audio channel is not a SD-SDI, HD/SDI or 3G-SDI embedded/de-embedded audio, i.e., it is an independent stereo audio channel outside the SD-SDI, HD-SDI or 3G-SDI embedded audio.

SERIAL DATA

Channel Capacity	2
Signal Format	RS-232
Data Rate	Up to 57.6kbaud
Connector	Terminal Block

PHYSICAL

Dimensions	
Standalone	4.17"(W) x 4.08"(D) x 1.14"(H)
Wall-plate	1.69"(W) x 2.69"(D) x 2.80"(H)
Power Consumption	+12VDC @ 1.5 Amps (Max.)
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

FEATURES

- Extend SDI Signals up to 400 meters Over Multimode Fiber
- Supports Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Audio+Video+Data, Over 1 Multimode Fiber
- Compatible with our LBO Series Products
- Built-in Signal Conversion When Used with VGA, DVI, and S-video Transmitters

OPTICAL

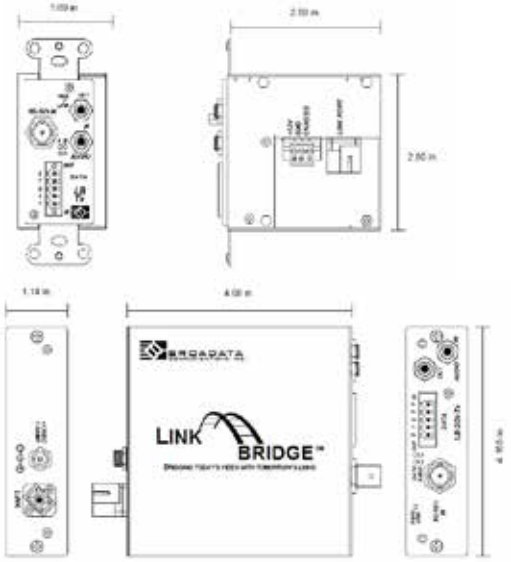
Fiber Type	Multimode
Number of Fibers	1
Connector	SC

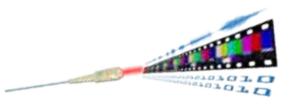
ORDERING INFORMATION

LBO-SDI-AD-T, Fiber Transmitter, Multimode, 1-Fiber	
LBO-SDI/DH, SDI to DVI Converter***	

Add -WP for Wallplate configuration (***LBO-SDI/DH Converter does not support a -WP option)
Add-CH for LBO-CH Chassis mounting kit
Add -UPS for International Universal Power Supply

DIMENSIONS





DOING MORE WITH ONE FIBER

RoHS HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBO-USB

USB 4:1

Link Bridge™ USB Hub Fiber Extension Systems

Application Diagram

USB Host (Tx) USB Device (RX)

OPTICAL

Fiber Type	Multimode or Singlemode (up to 10Km)
Number of Fibers	1 or 2
Connector	SC
Wavelength	850nm (MMF), 1310nm or 1550nm

ELECTRICAL

Signal Format	Up to USB-2.0 High speed (480Mbps) (Host) Up to USB-2.0 High speed (480Mbps) (Hub)
Hub Port Count	4
Connector	1 USB Type-B (Host); 4 USB Type-A (Device)
LED Indicator	Power, Optical Link, USB Link, Channel Activity
Power Supply	+12 VDC @ 2.0 A max.

PHYSICAL

Dimensions	
Standalone	1.13" x 4.17" x 5.12"
Card-cage plug-in card	5.24" x 0.94" x 11.6"
Supply Voltage/Current	Host: +12VDC @ 0.5 A Device: +12VDC @ 1.6 A
Operating Temperature	0 to +50°C
Humidity	0 to 95% RH, Non-Condensing

ORDERING INFORMATION

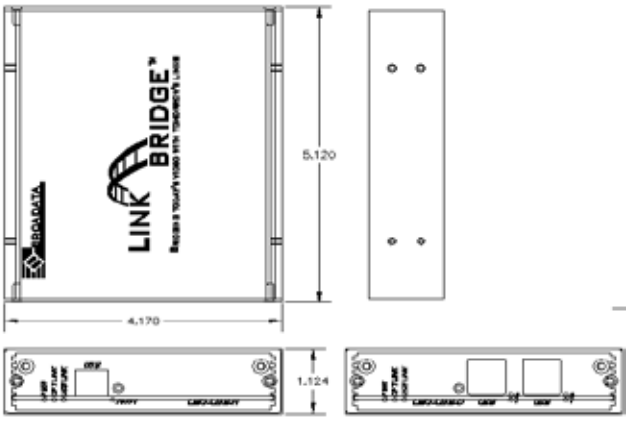
LBO-USB-H-M-SC, USB Host End, Multimode, 2-Fiber
LBO-USB-D-M-SC, USB Device End, Multimode, 2-Fiber

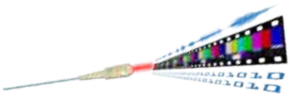
Change -M to -S for Singlemode configuration

FEATURES

Remote USB Transport
Support for USB 1.1 and 2.0 Devices
Plug-and-Play, No Driver Set Up
Up to 14 USB Devices
Reliable Transmission Over Multimode or Singlemode Fiber
1 Fiber Solution is available
Remote Workstation Transmission
Fiber link for 4-port USB Hub
Remote Multimedia Display
Remote Enterprise Computing

DIMENSIONS





DOING MORE WITH ONE FIBER

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBS-0808

HDBaseT, Optical, HDMI, DVI

Link Bridge™ Universal Multi-format Matrix Switch

Application Diagram

Switcher Front

FEATURES

- Professional Video Switched Distribution with Multiformat Modular Platform
- HDMI/DVI Centric Video Switching
- HDBaseT Output Switching for Distance HDMI/DVI (Up to 100m w/ PoH)
- Optical I/O Switching for Long Distance HDMI/DVI (Up to 400m)
- Supports True DDC/EDID/HDCP Transmission
- Up to 8x8 Input and Output Ports with 8or 4 Ports per I/O Card
- Support Resolutions up to 1080p and 1920x1200@60Hz, or up to UltraHD (4K/30Hz)
- Remote Control: Supports RS-232 Control, Ethernet Web GUI, and Telnet Control.
- HDBaseT and Optical I/O cards support In-Line-Control with compatible Transmitters and Receivers
- Supports Redundant Power Supply
- Compatible with LBO Series Optical Extenders and with the Standard and Designer Series (LBC & LBH model) HDBaseT Extenders

MATRIX SWITCH

Array Size	Up to 8x8 (configurable by multiple of 8)
EDID Control	Built-in Internal Standard EDID & Programmable EDID

HDMI/ DVI PORTS*

Signal	Single Link DVI 1.1, HDMI 1.3
Resolution	Up to 1080p or 1920x1200@60Hz, or up to 4K/30Hz
Connector	DVI or HDMI Female Plugs
Protocol	EDID/DDC and HDCP Capable

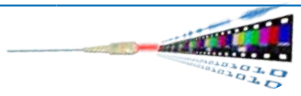
*The input ports of the LBS are fully campatible with our LBO/LBC/LBH Series products in DVI, HDMI, VGA, YPbPr, S-Video, SD-SDI, HD-SDI, 3G-SDI

FIBER/ HDBaseT PORTS

Fiber/HDBaseT Type	Multimode 50um or 62.5um/ CAT5e/6
Connector	SC/ RJ45
Protocol	EDID/DDC and HDCP Ccaapable

PHYSICAL

Dimensions (HxWxD)	3.5" x 19.0" x 13" Including chassis handle

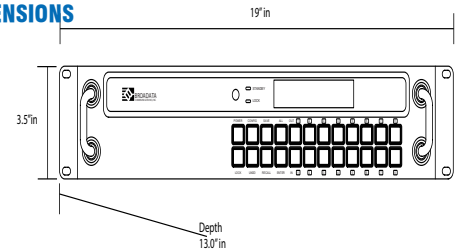


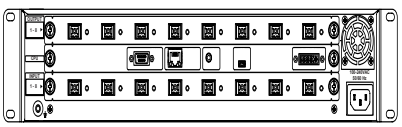
DOING MORE WITH ONE CABLE

ORDERING INFORMATION

LBS-8IN-OPT	8-Input Card, Optical (Video Only)
LBS-8OUT-OPT	8-Output Card, Optical (Video Only)
LBS-8IN-OPT-VP	8-Input Card, Optical (AD Compatibility)
LBS-8OUT-OPT-VP	8-Output Card, Optical (AD Compatibility)
LBS-8IN-OPT-ILCE	8-Input Card, Optical with Ethernet In-Line Control (AD Compatibility)
LBS-8OUT-OPT-ILCE	8-Output Card, Optical with Ethernet In-Line Control (AD Compatibility)
LBS-8IN-OPT-ILC2	8-Input Card, Optical with RS232 In-Line Control (AD Compatibility)
LBS-8OUT-OPT-ILC2	8-Output Card, Optical with RS232 In-Line Control (AD Compatibility)
LBS-8IN-HDBT-E	8-Input Card, HDBaseT with Ethernet
LBS-8OUT-HDBT-E	8-Output Card, HDBaseT with Ethernet
LBS-8IN-DVI	8-Input Card, DVI
LBS-8OUT-DVI	8-Output Card, DVI
LBS-8IN-HDMI-4K3	8-Input Card, HDMI, 4K/30Hz
LBS-8OUT-HDMI-4K3	8-Output Card, HDMI, 4K/30Hz
LBS-8IN-HDMI	8-Input Card, HDMI, 1080P &WUXGA
LBS-8OUT-HDMI	8-Output Card, HDMI, 1080P &WUXGA
LBS-8IN-VGA	8-Input Card, VGA
Replace -8IN or -8OUT with -4IN or -4OUT for 4-Port Card	

DIMENSIONS





HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

LBS-1616

HDBaseT, Optical, HDMI, DVI

Link Bridge™ Universal Multi-format Matrix Switch

Application Diagram

Switcher Rear

Transmitter

Receiver

Switcher Front

FEATURES

Professional Video Switched Distribution with Multiformat Modular Platform
HDMI/DVI Centric Video Switching
HDBaseT Output Switching for Distance HDMI/DVI (Up to 100m w/ PoH)
Optical I/O Switching for Long Distance HDMI/DVI (Up to 400m)
Supports True DDC/EDID/HDCP Transmission
Up to 16 Input and Output Ports with 8 or 4 Ports per I/O Card
Support Resolutions up to 1080p and 1920x1200@60Hz, or up to UltraHD (4K/30Hz)
Remote Control: Supports RS-232 Control, Ethernet Web GUI, and Telnet Control.
HDBaseT and Optical I/O cards support In-Line-Control with compatible Transmitters and Receivers
Supports Redundant Power Supply
Compatible with LBO Series Optical Extenders and with the Standard and Designer Series (LBC & LBH model) HDBaseT Extenders

MATRIX SWITCH

Array Size	Up to 16x16 (configurable by multiple of 8)
EDID Control	Built-in Internal Standard EDID & Programmable EDID

HDMI/ DVI PORTS*

Signal	Single Link DVI 1.1, HDMI 1.3
Resolution	Up to 1080p or 1920x1200@60Hz,or up to 4K/30Hz
Connector	DVI or HDMI Female Plugs
Protocol	EDID/DDC and HDCP Capable

*The input ports of the LBS are fully campatible with our LBO/LBC/LBH Series products in DVI, HDMI, VGA, YPbPr, S-Video, SD-SDI, HD-SDI, 3G-SDI

FIBER/ HDBaseT PORTS

Fiber/HDBaseT Type	Multimode 50um or 62.5um/ CAT5e/6
Connector	SC/ RJ45
Protocol	EDID/DDC and HDCP Ccaapable

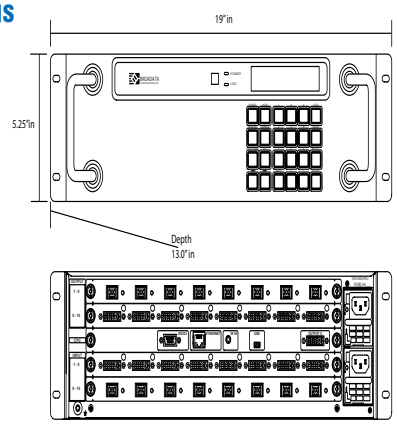
PHYSICAL

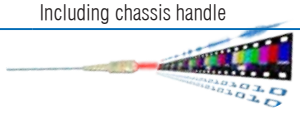
Dimensions (HxWxD)	5.25" x 19.0" x 13" Including chassis handle

ORDERING INFORMATION

LBS-8IN-OPT	8-Input Card, Optical (Video Only)
LBS-8OUT-OPT	8-Output Card, Optical (Video Only)
LBS-8IN-OPT-VP	8-Input Card, Optical (AD Compatibility)
LBS-8OUT-OPT-VP	8-Output Card, Optical (AD Compatibility)
LBS-8IN-OPT-ILCE	8-Input Card, Optical with Ethernet In-Line Control (AD Compatibility)
LBS-8OUT-OPT-ILCE	8-Output Card, Optical with Ethernet In-Line Control (AD Compatibility)
LBS-8IN-OPT-ILC2	8-Input Card, Optical with RS232 In-Line Control (AD Compatibility)
LBS-8OUT-OPT-ILC2	8-Output Card, Optical with RS232 In-Line Control (AD Compatibility)
LBS-8IN-HDBT-E	8-Input Card, HDBaseT with Ethernet
LBS-8OUT-HDBT-E	8-Output Card, HDBaseT with Ethernet
LBS-8IN-DVI	8-Input Card, DVI
LBS-8OUT-DVI	8-Output Card, DVI
LBS-8IN-HDMI-4K3	8-Input Card, HDMI, 4K/30Hz
LBS-8OUT-HDMI-4K3	8-Output Card, HDMI, 4K/30Hz
LBS-8IN-HDMI	8-Input Card, HDMI, 1080P &WUXGA
LBS-8OUT-HDMI	8-Output Card, HDMI, 1080P &WUXGA
LBS-8IN-VGA	8-Input Card, VGA
Replace -8IN or -8OUT with -4IN or -4OUT for 4-Port Card	

DIMENSIONS





DOING MORE WITH ONE CABLE

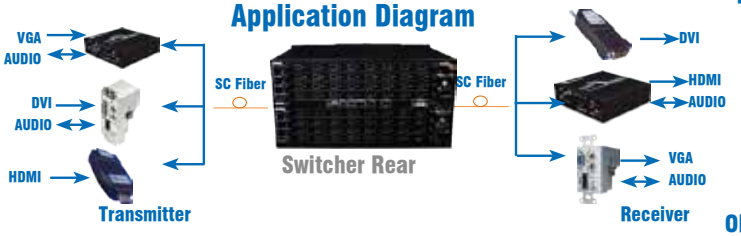
HDCP COMPLIANT

BROADATA COMMUNICATIONS, INC.
ENTERPRISE-GRADE MEDIA DISTRIBUTION SOLUTIONS

DEVICE TRANSPORT

LINK BRIDGE™

Application Diagram



LBS-3232

HDBaseT, Optical, HDMI, DVI

Link Bridge™ Universal Multi-format Matrix Switch

Switcher Front

FEATURES

- Professional Video Switched Distribution with Multiformat Modular Platform
- HDMI/DVI Centric Video Switching
- HDBaseT Output Switching for Distance HDMI/DVI (Up to 100m w/ PoH)
- Optical I/O Switching for Long Distance HDMI/DVI (Up to 400m)
- Supports True DDC/EDID/HDCP Transmission
- Up to 32 Input and Output Ports with 8 or 4 Ports per I/O Card
- Support Resolutions up to 1080p and 1920x1200@60Hz, or up to UltraHD (4K/30 Hz)
- Remote Control: Supports RS-232 Control, Ethernet Web GUI, and Telnet Control.
- HDBaseT and Optical I/O cards support In-Line-Control with compatible Transmitters and Receivers
- Supports Redundant Power Supply
- Compatible with LBO Series Optical Extenders and with the Standard and Designer Series (LBC & LBH model) HDBaseT Extenders

MATRIX SWITCH

Array Size	Up to 32x32 (configurable by multiple of 8)
EDID Control	Built-in Internal Standard EDID & Programmable EDID

HDMI/ DVI PORTS*

Signal	Single Link DVI 1.1, HDMI 1.3
Resolution	Up to 1080p or 1920x1200@60Hz, or up to (4K/30 Hz)
Connector	DVI or HDMI Female Plugs
Protocol	EDID/DDC and HDCP Capable

*The input ports of the LBS are fully campatible with our LBO/LBC/LBH Series products in DVI, HDMI, VGA, YPbPr, S-Video, SD-SDI, HD-SDI, 3G-SDI

FIBER/ HDBaseT PORTS

Fiber/HDBaseT Type	Multimode 50um or 62.5um/ CAT5e/6
Connector	SC/ RJ45
Protocol	EDID/DDC and HDCP Ccaapable

PHYSICAL

Dimensions (HxWxD)	8.70" x 19.0" x 12" Including chassis handle

ORDERING INFORMATION

LBS-8IN-OPT	8-Input Card, Optical (Video Only)
LBS-8OUT-OPT	8-Output Card, Optical (Video Only)
LBS-8IN-OPT-VP	8-Input Card, Optical (AD Compatibility)
LBS-8OUT-OPT-VP	8-Output Card, Optical (AD Compatibility)
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LBS-8OUT-HDBT-E	8-Output Card, HDBaseT with Ethernet
LBS-8IN-DVI	8-Input Card, DVI
LBS-8OUT-DVI	8-Output Card, DVI
LBS-8IN-HDMI-4K3	8-Input Card, HDMI, 4K/30Hz
LBS-8OUT-HDMI-4K3	8-Output Card, HDMI, 4K/30Hz
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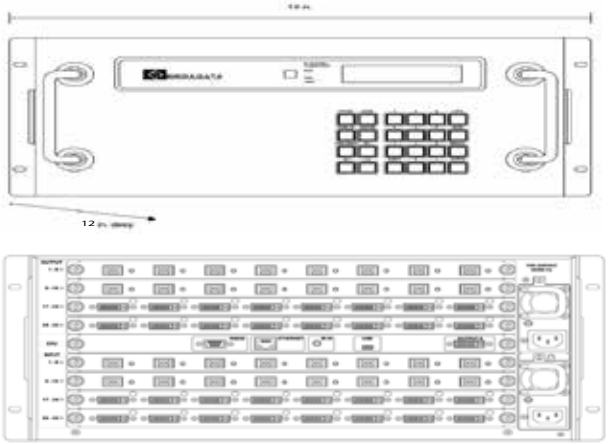
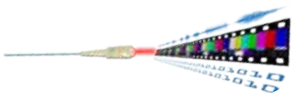
LBS-8OUT-HDMI	8-Output Card, HDMI, 1080P &WUXGA
LBS-8IN-VGA	8-Input Card, VGA
Replace -8IN or -8OUT with -4IN or -4OUT for 4-Port Card	

DIMENSIONS





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HDCP COMPLIANT

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