



## Technical Specifications

Product Line: **TEKTONE-AUDIO**

### Description

2 conductor stranded, twisted, and shielded cable.

NEC type CMR and CEC type CMG FT4. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

### Conductor

18 AWG

7-strand annealed bare copper conductors

Diameter: 0.048" | 1.22mm

### Insulation

Polyethylene

Wall thickness: 0.022" | 0.56mm

Diameter: 0.092" | 2.34mm

### Color Code

Violet, Gray

### Assembly

N/A

### Construct

Ripcord under jacket

### Shield

100% aluminum/poly tape with foil out

20 AWG 7-strand tinned copper drain wire

### Jacket

Polyvinyl chloride

Colors: Gray

Wall thickness: 0.032" | 0.81mm

Diameter: 0.246" | 6.24mm

Specification Revision Date:

### Electrical

DC resistance: 6.66  $\Omega$  / 1000' | 21.84  $\Omega$ /KM

Mutual capacitance: 21.0 pF/FT | 68.88 pF/M

Shield capacitance: 38.0 pF/FT | 124.94 pF/M

Impedance: 70  $\Omega$

Velocity of Propagation: 66%

Voltage rating: 300V

Maximum current: 3.75A@25°C

### Regulatory

NEC: CMR 75°C

CEC: CMG FT4 60°C

EU RoHS 2002/95/EC Compliant

### Packages

Reel: 1000' | 305M

Weight: 30 Lbs/1000' | 45 Kg/KM

### Installation

Pull Tension: 16 Lbs | 72 N

Bend radius: 2.46" | 63mm unloaded

Bend radius: 4.92" | 126mm loaded

### Applications

Riser and GP line level audio for TekTone® Systems

Riser and GP control and instrumentation

Riser and GP Class 2 and Class 3 power

### Performance

Assuming 600  $\Omega$  source impedance:

Line level balanced audio 450 feet

### Final Outside Diameter (inches)

0.246

June 15, 2005

