



Technical Specifications

Product Line: TRUPHASE-P

Description

4 pair 23 AWG solid, twisted, and unshielded cable

NEC type CMP and CEC type CMP FT6. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

Conductor

23 AWG

Solid annealed bare copper conductors

Diameter: 0.0226" | 0.58mm

Insulation

fluorinated ethylene propylene

Wall thickness: 0.007" | 0.18mm

Diameter: 0.037" | 0.94mm

Color Code

Pair 1: Orange, White/orange stripe

Pair 2: Blue, White/blue stripe

Pair 3: Green, White/green stripe

Pair 4: Brown, White/brown stripe

Assembly

4 pairs twisted in identical lay lengths with co-extruded like striped conductor

Pair lay length: 4.0" | 100mm

3.0 twists per foot | 10.0 twists per meter

Construct

Ripcord under jacket

Shield

N/A

Jacket

Plenum rated polyvinyl chloride

Colors: Black

Wall thickness: 0.015" | 0.38mm

Diameter: 0.170" | 4.32mm

Specification Revision Date:

Electrical

DC resistance: 21.0 Ω / 1000' | 68.88 Ω /KM

Capacitance: 14.0 pF/FT | 46.0 pF/M

Impedance: 100 \pm 15 Ω

Velocity of Propagation: 71%

Voltage rating: 300V

Propagation Delay (Skew): 2 ns/100m MAX

Maximum current: 1.4A@25°C

Regulatory

NEC: CMP 75°C

CEC: CMP FT6 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 29 Lbs/1000' | 44 Kg/KM

Installation

Pull Tension: 33 Lbs | 147 N

Bend radius: 1.92" | 49mm unloaded

Bend radius: 3.84" | 98mm loaded

Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32°F | 0°C ambient temperature

Applications

Plenum twisted pair no-skew video cable for RGBHV

Plenum non-LAN data and control cable

Performance

N/A

Final Outside Diameter (inches)

0.170

April 19, 2007

Frequency	Attenuation	
	dB/100FT	dB/100m
100	7.37	24.17

