

Technical Specifications
Product Line: 22-1P-EZ**Description**

1 pair 22 AWG 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

22 AWG
7-strand tinned annealed copper conductors
Diameter: 0.030" | 0.76mm

Insulation

Foam polyethylene
Wall thickness: 0.010" | 0.25mm
Diameter: 0.050" | 1.27mm

Color Code

Black, Red

Assembly

2 conductors twisted
Pair lay length: 2.0" | 51.0mm
6.0 twists per foot | 19.6 twists per meter

Construct

Ripcord under jacket

Shield

100% aluminum/polyester tape foil in
22 AWG 7-strand tinned copper drain

Jacket

Pressure extruded polyvinyl chloride
Colors: Black, Blue, Brown, Cool Gray, Orange, Red, Violet,
Tan, White, Yellow
Wall thickness: 0.022" | 0.56mm
Diameter: 0.142" | 3.60mm

Specification Revision Date:

Electrical

DC resistance: 16.6 Ω / 1000' | 54.45 Ω /KM
Mutual capacitance: 18.2 pF/FT | 59.69 pF/M
Shield capacitance: 30 pF/FT | 98.40 pF/M
Impedance: 72 Ω
Velocity of Propagation: 78%
Voltage rating: 300V
Maximum current: 2.8A@25°C

Regulatory

NEC: CMR 75°C
CEC: CMG FT4 60°C
EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M
Weight: 17 Lbs/1000' | 25 Kg/KM

Installation

Pull Tension: 14 Lbs | 62 N
Bend radius: 1.42" | 36mm unloaded
Bend radius: 2.84" | 72mm loaded

Applications

General purpose broadcast quality line level balanced audio
General Purpose low voltage control and RS-232C signaling

Performance

Assuming 600 Ω source impedance:
Line level balanced audio 450 feet

Final Outside Diameter (inches)

0.142

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