



Technical Specifications

Product Line: 22-2C-EX

Description

2 conductor 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

16-strand annealed bare copper conductors

Diameter: 0.029" | 0.74mm

Insulation

Semi-rigid polyvinyl chloride

Wall thickness: 0.015" | 0.38mm

Diameter: 0.059" | 1.50mm

Color Code

Black, Red

Assembly

2 conductors twisted

Lay length: 3.0" | 80mm

4.0 twists per foot | 12.5 twists per meter

Construct

Ripcord under jacket

Shield

100% aluminum/mylar tape foil out

24 AWG 7-strand tinned copper drain

Jacket

Pressure extruded polyvinyl chloride

Colors: Purple

Wall thickness: 0.033" | 0.83mm

Diameter: 0.185" | 4.70mm

Specification Revision Date:

Electrical

DC resistance: 14.33 Ω / 1000' | 47.0 Ω /KM

Mutual capacitance: 32.50 pF/FT | 106.60 pF/M

Impedance: 61 Ω

Velocity of Propagation: 55%

Voltage rating: 300V

Maximum current: 2.8A@25°C

Regulatory

NEC: CMR 60°C

CEC: CMG FT4 60°C

EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M

Weight: 22 Lbs/1000' | 33 Kg/KM

Installation

Pull Tension: 11 Lbs | 49 N

Bend radius: 1.85" | 47mm unloaded

Bend radius: 3.70" | 94mm loaded

Applications

Riser line level balanced audio

Riser low voltage control and RS-232C signaling

Performance

Assuming 600 Ω source impedance:

Line level balanced audio 200 feet

Final Outside Diameter (inches)

0.185

July 19, 2005

