



Technical Specifications

Product Line: 22-2P-INDSH

Description

2 pair 22 AWG stranded, twisted, and individually 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 annealed bare copper conductors
Diameter: 0.029" | 0.74mm

Electrical

DC resistance: 16.4 Ω / 1000' | 53.79 Ω /KM
Mutual capacitance: 27.1 pF/FT | 88.89 pF/M
Impedance: 56 Ω
Velocity of Propagation: 67%
Voltage rating: 300V
Maximum current: 2.3A@25 °C

Insulation

polypropylene
Wall thickness: 0.008" | 0.20mm
Diameter: 0.048" | 1.14mm

Regulatory

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

Color Code

Pair 1: Red, Black
Pair 2: White, Green

Packages

Reel: 1000' | 305M
Weight: 24 Lbs/1000' | 36 Kg/KM

Assembly

Pair lay length: 3.0" | 80mm
4.0 twists per foot | 12.5 twists per meter
2 Shielded pairs cabled on a common axis

Installation

Pull Tension: 29 Lbs | 129 N
Bend radius: 2.02" | 52mm unloaded
Bend radius: 4.04" | 104mm loaded

Construct

Ripcord under jacket

Applications

Riser line level balanced audio
Riser General purpose security and low voltage power

Shield

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

Performance

Assuming 600 Ω source impedance:
Line level balanced audio 230 feet

Jacket

Polyvinyl chloride
Colors: Gray
Wall thickness: 0.020" | 0.51mm
Diameter: 0.202" | 5.13mm

Final Outside Diameter (inches)

0.202

Specification Revision Date:

May 9, 2007

