

Technical Specifications
Product Line: 22-2P-PSH/UN**Description**

2 pair 22 AWG stranded, twisted, and one pair individually shielded 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

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

Insulation

Plenum rated polyvinyl chloride
Wall thickness: 0.008" | 0.20mm
Diameter: 0.046" | 1.17mm

Color Code

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

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

Construct

Ripcord under jacket

Shield

Pair 1: 100% aluminum/polyester tape foil in
22 AWG 7-strand tinned copper drain
Pair 2: Unshielded

Jacket

Plenum rated polyvinyl chloride
Colors: Natural White
Wall thickness: 0.015" | 0.38mm
Diameter: 0.137" | 3.48mm

Electrical

DC resistance: 17.5 Ω / 1000' | 57.4 Ω /KM
Mutual capacitance: 39.7 pF/FT | 130.22 pF/M
Shield capacitance: 72.0 pF/FT | 236.2 pF/M
Impedance: 72.7 Ω
Velocity of Propagation: 55%
Voltage rating: 300V
Maximum current: 2.3A@25°C

Regulatory

NEC: CMP 75°C
CEC: CMP FT6 60°C
EU RoHS 2002/95/EC Compliant

Packages

Reel: 1000' | 305M
Weight: 20 Lbs/1000' | 30 Kg/KM

Installation

Pull Tension: 26 Lbs | 116 N
Bend radius: 1.48" | 38mm unloaded
Bend radius: 2.96" | 76mm 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 line level balanced audio
Plenum Intercom audio and power
Plenum General purpose security and low voltage power

Performance

Assuming 600 Ω source impedance:
Line level balanced audio 130 feet

Final Outside Diameter (inches)

0.137

Specification Revision Date:

June 11, 2012