



Technical Specifications

Product Line: 16-1P-UC

Description

2 conductor 16 AWG stranded, twisted, and unshielded 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. THX™ Certified Speaker Cable for Custom Installation and Design.

Conductor

16 AWG
105-strand annealed bare copper conductors
Diameter: 0.059" | 1.50mm

Electrical

DC resistance: 4.02 Ω / 1000' | 13.18 Ω/KM
Mutual capacitance: 19.2 pF/FT | 62.98 pF/M
Impedance: 89 Ω
Inductance: 0.18μH/FT | 0.60μH/M
Velocity of Propagation: 66%
Voltage rating: 300V
Maximum current: 6.25A@25 °C

Insulation

Polyethylene
Wall thickness: 0.015" | 0.38mm
Diameter: 0.089" | 2.26mm

Regulatory

NEC: CMR 75 °C
CEC: CMG FT4 60 °C
THX™ Certified via THX LTD
EU RoHS 2002/95/EC Compliant

Color Code

White printed +++++ in black ink
Black printed ----- in white ink

Packages

Reel: 1000' | 305M
Weight: 45 Lbs/1000' | 68 Kg/KM

Assembly

2 conductors twisted
Lay length: 1.5" | 40mm
8.0 twists per foot | 25.0 twists per meter

Installation

Pull Tension: 65 Lbs | 289 N
Bend radius: 2.83" | 72mm unloaded
Bend radius: 5.7" | 144mm loaded

Construct

100% Paper tape binder
Ripcord under jacket

Applications

Riser commercial and residential speaker level audio
Non-plenum 70V commercial speaker audio
Non-Plenum Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 50 feet

Jacket

Pressure extruded polyvinyl chloride
Colors: White
Wall thickness: 0.045" | 1.14mm
Diameter: 0.283" | 7.19mm

Final Outside Diameter (inches)

0.283

Specification Revision Date:

May 4, 2010

