



Technical Specifications

Product Line: 14-1P-UC

Description

2 conductor 14 AWG stranded, twisted, and unshielded cable
 NEC type CL3R and CEC type CMG FT4 for Audio Only
 Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725. THX™ Certified Speaker Cable for Custom Installation and Design.

Conductor

14 AWG
 168-strand annealed bare copper conductors
 Diameter: 0.082" | 2.08mm

Electrical

DC resistance: 2.49 Ω / 1000' | 8.17 Ω/KM
 Mutual capacitance: 19.2 pF/FT | 62.98 pF/M
 Impedance: 87 Ω
 Inductance: 0.18μH/FT | 0.59μH/M
 Velocity of Propagation: 66%
 Voltage rating: 300V
 Maximum current: 8A@25 °C

Insulation

Polyethylene
 Wall thickness: 0.020" | 0.50mm
 Diameter: 0.121" | 3.08mm

Regulatory

NEC: CL3R 75 °C
 CEC: CMG FT4 For Audio Only 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: 68 Lbs/1000' | 102 Kg/KM

Assembly

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

Installation

Pull Tension: 95 Lbs | 422 N
 Bend radius: 3.47" | 89mm unloaded
 Bend radius: 6.94" | 178mm 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 80 feet

Jacket

Pressure extruded polyvinyl chloride
 Colors: White, Black
 Wall thickness: 0.045" | 1.14mm
 Diameter: 0.347" | 8.81mm

Final Outside Diameter (inches)

0.347

Specification Revision Date:

May 4, 2010

