



Technical Specifications

Product Line: 12-1P-UC

Description

2 conductor 12 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(s) 725 and 800. THX™ Certified Speaker Cable for Custom Installation and Design.

Conductor

12 AWG
261-strand annealed bare copper conductors
Diameter: 0.106" | 2.68mm

Electrical

DC resistance: 1.75 Ω / 1000' | 5.74 Ω /KM
Mutual capacitance: 18.6 pF/FT | 61.0 pF/M
Impedance: 77 Ω
Inductance: 0.17 μ H/FT | 0.55 μ H/M
Velocity of Propagation: 66%
Voltage rating: 300V
Maximum current: 12A@25°C

Insulation

Polyethylene
Wall thickness: 0.020" | 0.50mm
Diameter: 0.145" | 3.68mm

Regulatory

NEC: CL3R 75°C
CEC: CMG FT4 For Audio Only 60°C
THX™ Certified Speaker Cable
EU RoHS III 2015/863/EU Compliant
REACH (EC) No 1907/2006 Compliant

Color Code

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

Packages

Reel: 1000' | 305M
Weight: 93 Lbs/1000' | 139 Kg/KM

Assembly

2 conductors twisted
Lay length: 2.5" | 63.5mm
4.8 twists per foot | 15.75 twists per meter

Installation

Pull Tension: 169 Lbs | 751 N
Bend radius: 3.89" | 99mm unloaded
Bend radius: 7.78" | 198mm loaded

Construct

100% Paper tape binder
Ripcord under jacket

Applications

Riser commercial and residential speaker level audio
Riser 70V commercial speaker audio
Riser Class 2 and 3 power

Shield

N/A

Performance

Speaker level audio to 120 feet

Jacket

Pressure extruded polyvinyl chloride
Colors: Natural white, Black
Wall thickness: 0.050" | 1.27mm
Diameter: 0.389" | 9.88mm

Final Outside Diameter (inches)

0.389

Specification Revision Date:

May 4, 2010