



**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 725. 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: 0.17μH/FT | 0.55μH/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-2 2011/65/EU 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

