



## Technical Specifications

**Product Line:** 10-2C-EX+

### Description

2 conductor 10 AWG stranded, twisted, and unshielded cable NEC type CL2 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.

### Conductor

10 AWG  
105-strand oxygen free copper conductors  
Diameter: 0.118" | 3.00mm

### Electrical

DC resistance: 1.07  $\Omega$  / 1000' | 3.51  $\Omega$ /KM  
Mutual capacitance: 46.0 pF/FT | 150.9 pF/M  
Impedance: 47  $\Omega$   
Inductance: 0.15 $\mu$ H/FT | 0.49 $\mu$ H/M  
Velocity of Propagation: 55%  
Voltage rating: 150V  
Maximum current: 27.8A@25°C

### Insulation

Semi-rigid polyvinyl chloride  
Wall thickness: 0.016" | 0.41mm  
Diameter: 0.150" | 3.81mm

### Regulatory

NEC: CL2 75°C  
CEC: CMG FT4 For Audio Only 60°C  
EU RoHS III 2015/863/EU Compliant  
REACH (EC) No 1907/2006 Compliant

### Color Code

Black, Red

### Packages

Reel: 1000' | 305M  
Weight: 99 Lbs/1000' | 147 Kg/KM

### Assembly

2 conductors twisted  
Lay length: 4" | 100mm  
3 twists per foot | 10.0 twists per meter

### Installation

Pull Tension: 250 Lbs | 751 N  
Bend radius: 3.85" | 98mm unloaded  
Bend radius: 7.70" | 196mm loaded

### Construct

100% Paper tape binder  
Ripcord under jacket

### Applications

General purpose speaker level audio  
General purpose 70V commercial speaker audio  
General purpose Class 2 power

### Shield

N/A

### Performance

Speaker level audio to 200 feet

### Jacket

Pressure extruded polyvinyl chloride  
Colors: Natural white  
Wall thickness: 0.040" | 1.02mm  
Diameter: 0.385" | 9.78mm

### Final Outside Diameter (inches)

0.385

Specification Revision Date:

March 8, 2011