

## Technical Specifications

Product Line: 16-2C-P

### Description

2 conductor 16 AWG stranded, twisted, and unshielded cable NEC type CMP and CEC type CMP FT6. Product manufactured compliant to the requirements of UL444 for installations and applications in accordance with NEC articles 725 and 800.

### Conductor

16 AWG  
 19-strand annealed bare copper conductors  
 Diameter: 0.056" | 1.42mm

### Electrical

DC resistance: 4.38 Ω / 1000' | 14.36 Ω/KM  
 Mutual capacitance: 36.4 pF/FT | 119.29 pF/M  
 Impedance: 57 Ω  
 Inductance: 0.15μH/FT | 0.49μH/M  
 Velocity of Propagation: 55%  
 Voltage rating: 300V  
 Maximum current: 6.25A@25°C

### Insulation

Plenum rated polyvinyl chloride  
 Wall thickness: 0.010" | 0.26mm  
 Diameter: 0.076" | 1.93mm

### Regulatory

NEC: CMP 75°C  
 CEC: CMP FT6 CMG 60°C  
 EU RoHS III 2015/863/EU Compliant  
 REACH (EC) No 1907/2006 Compliant

### Color Code

Black, Red

### Packages

Reel: 1000' | 305M  
 Weight: 28 Lbs/1000' | 42 Kg/KM

### Assembly

2 conductors twisted  
 Lay length: 3.0" | 80mm  
 4.0 twists per foot | 12.5 twists per meter

### Installation

Pull Tension: 42 Lbs | 187 N  
 Bend radius: 1.82" | 47mm unloaded  
 Bend radius: 3.64" | 94mm loaded  
 Plenum cable should be conditioned at room temperature for 24 hours prior to installation and never installed below 32°F | 0°C ambient temperature

### Construct

Ripcord under jacket

### Applications

Plenum commercial speaker audio  
 Plenum 70V speaker  
 Plenum class 2 power

### Shield

N/A

### Performance

Speaker level audio to 50 feet

### Jacket

Plenum rated polyvinyl chloride  
 Colors: Natural White, Black  
 Wall thickness: 0.015" | 0.38mm  
 Diameter: 0.182" | 4.62mm

### Final Outside Diameter (inches)

0.182

Specification Revision Date:

December 2, 2008