

## Technical Specifications

Product Line: **14-2C-TTP**

### Description

2 conductor 14 AWG stranded, twisted, and unshielded cable NEC type CL3P and CEC type CMP FT6 for Audio Only. Product manufactured compliant to the requirements of UL13 for installations and applications in accordance with NEC article 725.

### Conductor

14 AWG  
 41-strand annealed bare copper conductors  
 Diameter: 0.077" | 1.96mm

### Electrical

DC resistance: 2.71  $\Omega$  / 1000' | 8.72  $\Omega$ /KM  
 Mutual capacitance: 38.91 pF/FT | 127.62 pF/M  
 Impedance: 54  $\Omega$   
 Inductance: 0.15 $\mu$ H/FT | 0.49 $\mu$ H/M  
 Velocity of Propagation: 55%  
 Voltage rating: 300V  
 Maximum current: 8A@25°C

### Insulation

Plenum rated polyvinyl chloride  
 Wall thickness: 0.010" | 0.254mm  
 Diameter: 0.097" | 2.46mm

### Regulatory

NEC: CL3P 75°C  
 CEC: CMP FT6 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: 41 Lbs/1000' | 62 Kg/KM

### Assembly

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

### Installation

Pull Tension: 66 Lbs | 294 N  
 Bend radius: 2.40" | 61mm unloaded  
 Bend radius: 4.80" | 122mm 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 80 feet

### Jacket

Plenum rated polyvinyl chloride  
 Colors: Natural White, Blue, Gray  
 Wall thickness: 0.018" | 0.46mm  
 Diameter: 0.230" | 5.84mm

### Final Outside Diameter (inches)

0.230

Specification Revision Date:

December 19, 2018