

1 Pair Unscreened Twisted Pair Cable 18(16) AWG (Belden 9740Equiv.)

Part number: 500-005

Description:

18 AWG stranded (16x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Conductor

Number of pairs	AWG	Stranding	Conductor material
1	18	16x30	TC- Tinned copper

Insulator

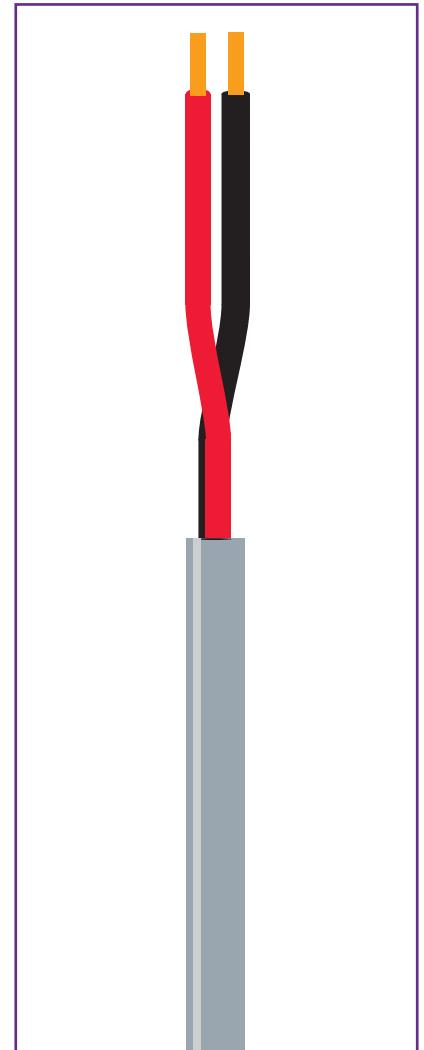
Insulation Material	Wall Thickness (In.)
PVC - Polyvinyl Chloride	0.330

Shields

Inner Shield Material	Outer Shield Material
Unshielded	Unshielded

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (In.)
PVC - Polyvinyl Chloride	0.8128



Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +80°C  
**Non-UL Temperature Rating:** 80°C (UL AWM Style 2464)  
**Bulk Cable Weight:** 32.740 Kg/Km  
**Max. Recommended Pulling Tension:** 200.169 N  
**Min. Bend Radius/Minor Axis:** 57.150 mm  
**Overall diameter:** 6mm

Electrical Characteristics

Capacitance (pF/m): 83.6655  
 DCR @ 20°C (Ohm/km): 22.5077  
 Max Operating Voltage: 300V RMS  
 Max Recommended Current: 4.8Amps @ 20°C