

3 Core Screened Triple Cable 18(16) AWG (Belden 8770 Equiv.)

Part number: 502-006

Description:

18 AWG stranded (16x30) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, PVC jacket.

Conductor

# of conductors	AWG	Stranding	Conductor material
3	18	16x30	TC- Tinned copper

Insulator

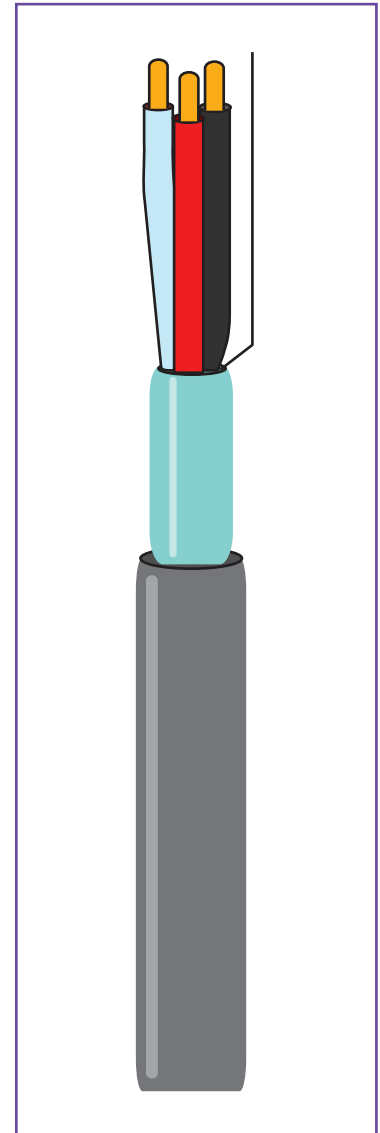
Insulation Material	Wall Thickness (In.)
PE - Polyethylene	0.018

Outer Shield

Outer Shield Trade Name	Type	Outer shield material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum foil-polyester tape	100

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (In.)
PVC - Polyvinyl Chloride	0.033



Black, Red and Clear wire colours

Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +60°C  
**UL Temperature Rating:** 60°C (UL AWM Style 2093)  
**Bulk Cable Weight:** 36 lbs/1000 ft.  
**Max. Recommended Pulling Tension:** 74 lbs.  
**Min. Bend Radius/Minor Axis:** 2.500 in.  
**Overall diameter:** 0.246 in.

Electrical Characteristics

**Inductance (µH/ft):** 0.180  
**Impedance (Ohm):** 69  
**Capacitance (pF/m):** 24  
**DCR @ 20°C (Ohm/km):** 6.6  
**Max Operating Voltage:** 300V RMS  
**Max Recommended Current:** 5.3 Amps per conductor @ 25°C