

3 Core Screened Triple Cable 16(19) AWG (Belden 8618 Equiv.)

Part number: 502-008

Description:

16 AWG stranded (19x29) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), 18 AWG stranded tinned copper drain wire, PVC jacket.

Conductor

# of conductors	AWG	Stranding	Conductor material
3	16	19x29	TC- Tinned copper

Insulator

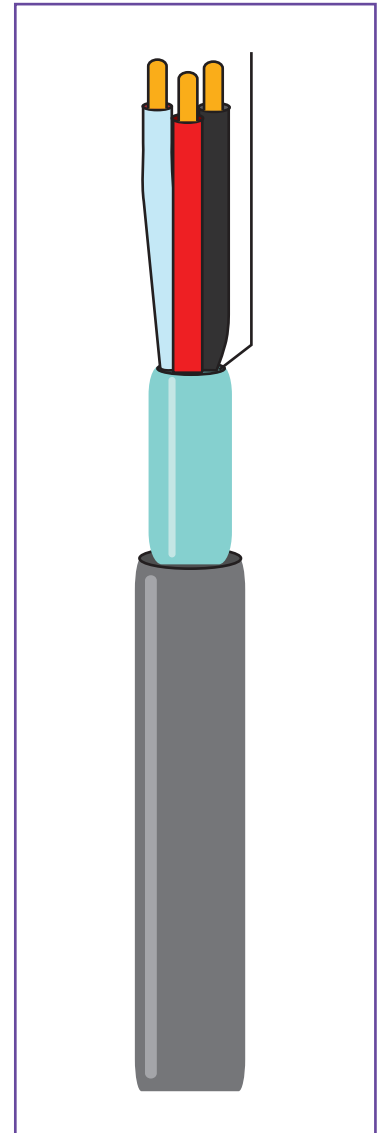
Insulation Material	Wall Thickness (mm)
PE - Polyethylene	0.813

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 (mm)
PVC - Polyvinyl Chloride	0.7874



Black, Red and Clear wire colours

Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +80°C  
**UL Temperature Rating:** 80°C (UL AWM Style 20253)  
**Bulk Cable Weight:** 89.292 Kg/Km  
**Max. Recommended Pulling Tension:** 489.302 N  
**Min. Bend Radius/Minor Axis:** 88.900 mm  
**Overall diameter:** 8.3mm

Electrical Characteristics

**Capacitance (pF/m):** 85.306  
**DCR @ 20°C (Ohm/km):** 15.7488  
**Max Operating Voltage:** 300V RMS  
**Max Recommended Current:** 7Amps per conductor @ 25°C