

11 Pair Individually Screened Multipair Cable 22(7) AWG (Belden 8775 Equiv.)

Part number: 509-009

Description:

22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.

Conductor

Number of pairs	AWG	Stranding	Conductor Material	Dia.(mm)
11	22	7x30	TC- Tinned copper	0.762

Insulator

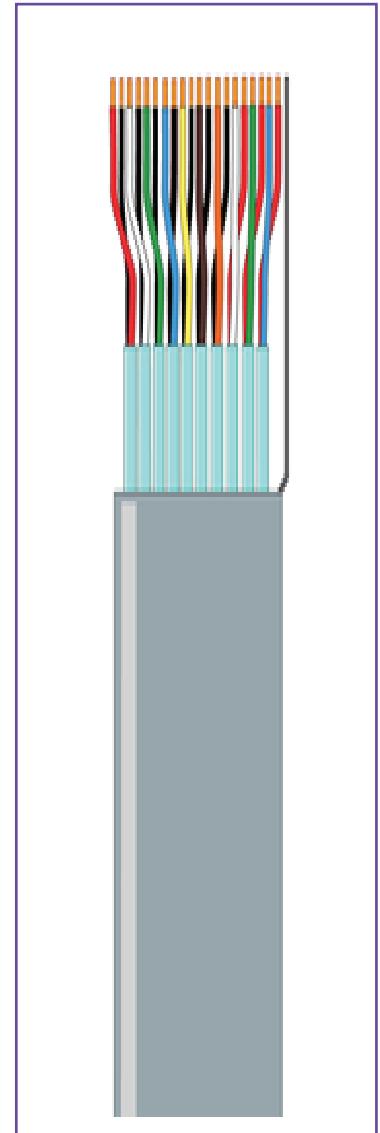
Insulation Material	Dia. (mm)
PP - Polypropylene	1.27

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
PVC - Polyvinyl Chloride



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2919)  
 Bulk Cable Weight: 184.983 Kg/Km  
 Max. Recommended Pulling Tension: 1138.740 N  
 Min. Bend Radius/Minor Axis: 116.840 mm  
 Overall diameter: 11.786 mm

Electrical Characteristics

**Impedance (Ohm):** 50  
**Capacitance (pF/ft):** 98.43  
**Nominal Velocity of Propagation:** 66  
**DCR @ 20°C (Ohm/1000 ft):** 49.215  
**Max. Operating Voltage:** 300 V RMS  
**Max. Recommended Current:** 1.4 Amps per conductor @ 25 °C