

12 Pair Individually Screened Multipair Cable 22(7) AWG (Belden 9768 Equiv.)

Part number: 509-010

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)
12	22	7x30	TC- Tinned copper	0.762

Insulator

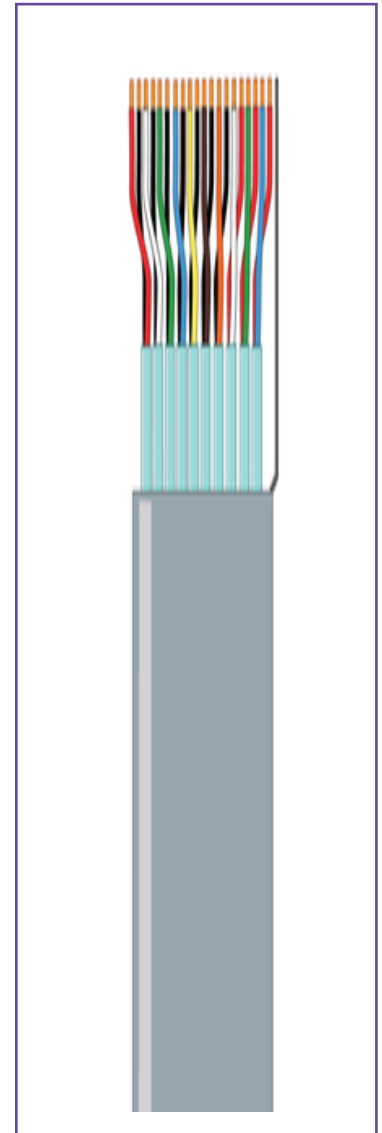
Insulation Material	Dia. (mm)
PP - Polypropylene	1.27

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: 202.693 Kg/Km
 Max. Recommended Pulling Tension: 1423.420 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