

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

Part number: 510-008

Description:

20 AWG stranded (7x28) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, overall PVC jacket.

Conductor

Number of pairs	AWG	Stranding	Conductor Material
12	20	7x28	TC- Tinned copper

Insulator

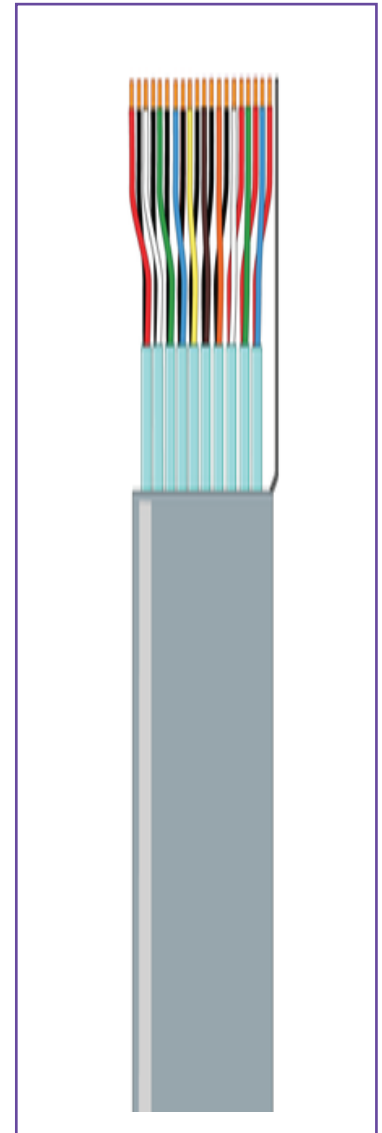
Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.381

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	1.270



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C
 UL Temperature Rating: 80°C (UL AWM Style 2919)
 Bulk Cable Weight: 290.199 Kg/Km
 Max. Recommended Pulling Tension: 1957.208 N
 Min. Bend Radius/Minor Axis: 158.750 mm
 Overall diameter: 15.672 mm

Electrical Characteristics

Impedance (Ohm): 50
Capacitance (pF/ft): 98.43
Nominal Velocity of Propagation: 66
DCR @ 20°C (Ohm/1000 ft): 34.4505
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 2 Amps per conductor @ 25 °C