

1 Pair Screened Twisted Pair Cable 22(7) AWG (Belden 8451 Equiv.)

Part number: 501-001

Description:

22 AWG stranded (7x30) TC conductors, polypropylene insulation, paper wrap, twisted pair, overall Beldfoil shield (100% coverage), 22 AWG stranded TC drain wire, PVC jacket.

Conductor

Number of pairs	AWG	Stranding	Conductor material
1	22	7x30	TC- Tinned copper

Insulator

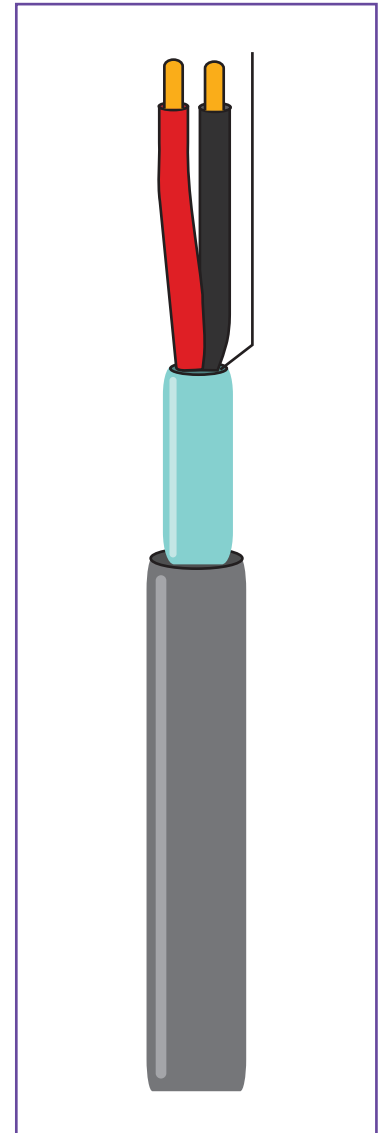
Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.008

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	0.20



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 27 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.400 in.

Overall diameter: 3.4mm

Electrical Characteristics

Capacitance (pF/m): 34

DCR @ 20°C (Ohm/km): 14.5

Max Operating Voltage: 300V RMS

Max Recommended Current: 2.9 Amps @ 20°C

Impedance (Ohm): 45