

1 Pair Screened Twisted Pair Cable 22(7) AWG (Belden 8761 DUCT Equiv.)

Part number: 501-005

Description:

22 AWG stranded (7x30) TC conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), 22 AWG stranded TC drain wire, LDPE jacket.

Conductor

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

Insulator

Insulation Material	Wall Thickness (in.)
Pe - Polyethylene	0.016

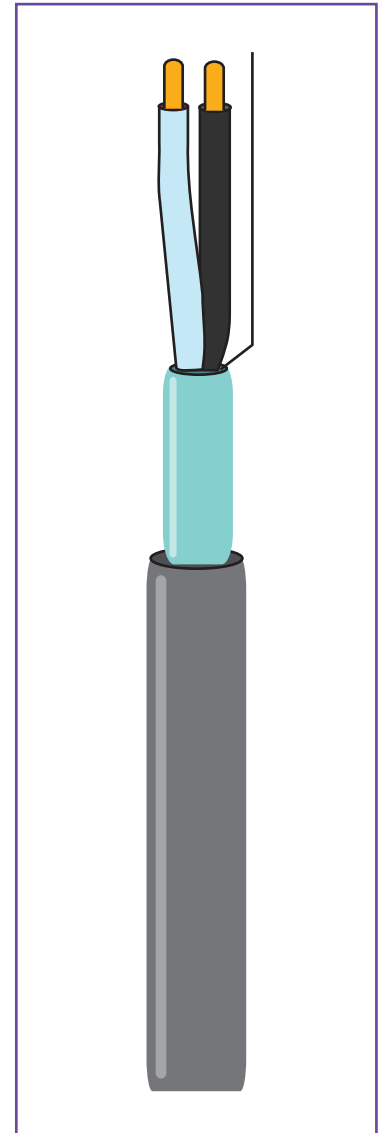
Overall diameter: 4.6mm

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.)
LDPE	0.025



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C
UL Temperature Rating: 60°C (UL AWM Style 2092)
Bulk Cable Weight: 16 lbs/1000 ft.
Max. Recommended Pulling Tension: 27 lbs.
Min. Bend Radius (Install)/Minor Axis: 1.750 in.
Overall diameter: 4.6mm

Electrical Characteristics

Capacitance (pF/m): 24
DCR @ 20°C (Ohm/km): 16
Max Operating Voltage: 300V RMS
Max Recommended Current: 2.9 Amps @ 20°C
Impedance (Ohm): 64