

2 Pair Individually Screened Multipair RS232 Cable 22(7) AWG(Belden 8723 Equiv.)

Part number: 507-001

Description:

22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, twisted pairs, individually Beldfoil® shielded (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Conductor

Number of pairs	AWG	Stranding	Conductor material
2	22	7x30	TC- Tinned copper

Insulator

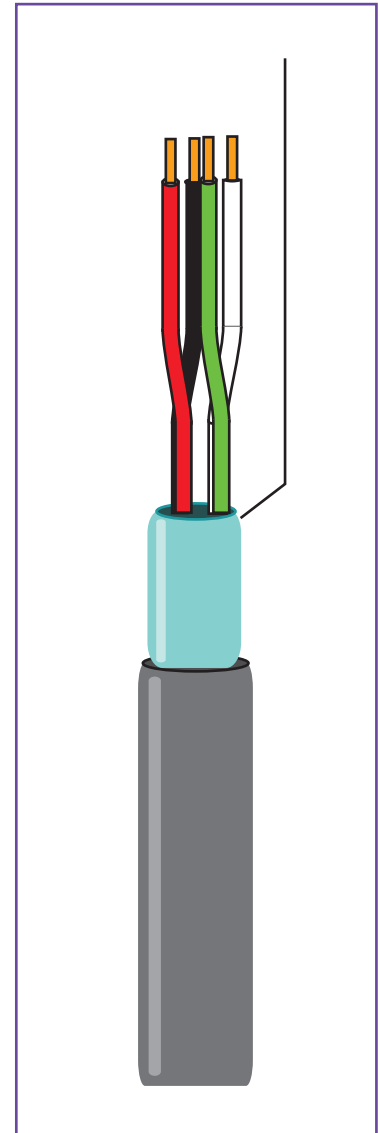
Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.009

Inner Shield

Inner 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	0.020



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C
UL Temperature Rating: 60°C
Bulk Cable Weight: 17 lbs/1000 ft.
Max. Recommended Pulling Tension: 42 lbs.
Min. Bend Radius/Minor Axis: 1.750 in.
Overall diameter: 4.2mm

Electrical Characteristics

Impedance (Ohm): 52.000
Capacitance (pF/ft): 33
Nominal Velocity of Propagation: 66
DCR @ 20°C (Ohm/1000 ft): 14.7
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 1.5 Amps per conductor @ 25 °C