

1 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden9501 DUCT Equiv.)

Part number: 505-003

Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield(100% coverage), 24 AWG stranded TC drain Wire, LDPE jacket.

Conductor

Number of pairs	AWG	Stranding	Conductor material
1	24	7x32	TC- Tinned copper

Insulator

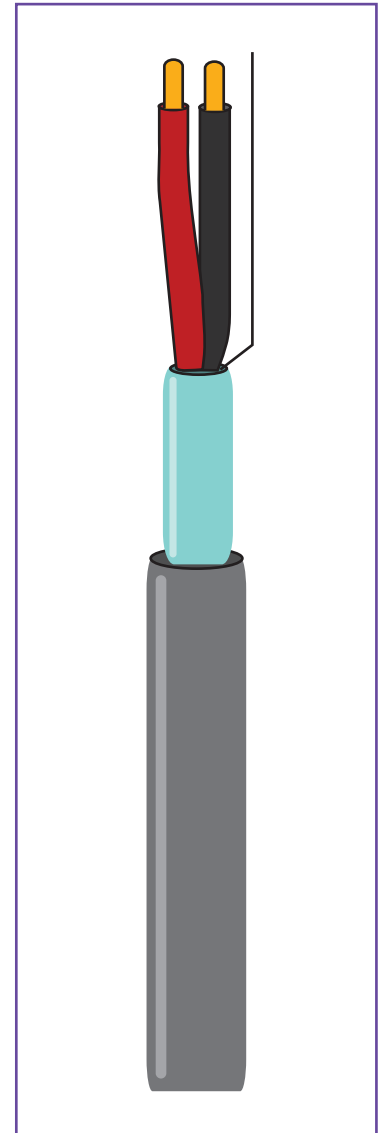
Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

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	0.813



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
 UL Temperature Rating: 80°C (UL AWM Style 2464)
 Bulk Cable Weight: 17.858 Kg/Km
 Max. Recommended Pulling Tension: 48.930 N
 Min. Bend Radius/Minor Axis: 44.450 mm
Overall diameter: 3.9mm

Electrical Characteristics

Inductance (μH/m): 0.62339
 Capacitance (pF/m):131.24
 Velocity of Propagation: 60
 DCR @ 20°C (Ohm/km): 78.744
 Max. Operating Voltage: 300 V RMS
 Max. Recommended Current:2.2 Amps
 per conductor @ 25°C