

3 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden9503 DUCT Equiv.)

Part number: 505-008

Description:

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

Conductor

Number of pairs	AWG	Stranding	Conductor material
3	24	7x32	TC- Tinned copper

Insulator

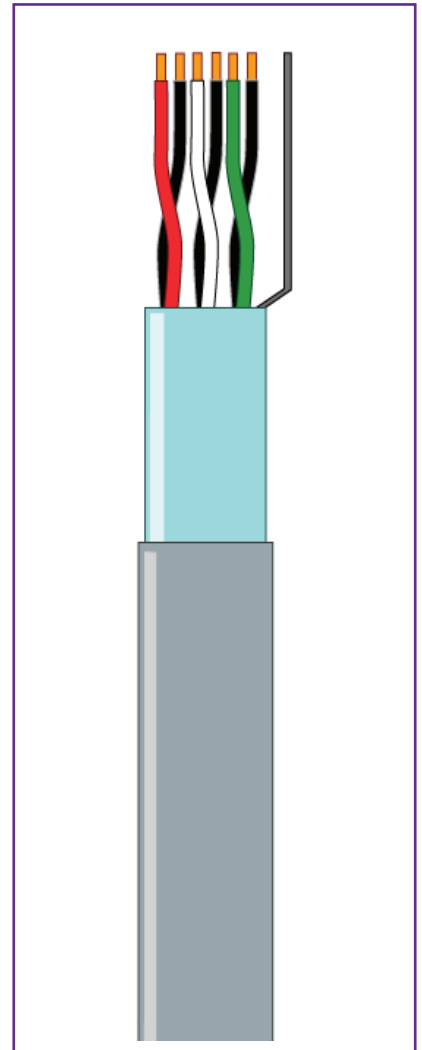
Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

Shields

Outer Shield Trade Name	Type	Outer shield material	Coverage (%)
Beldfoil®	Tape	Aluminum foil-polyester tape	100

Outer Jacket

Outer Jacket Material	Overall Nominal Diameter
HDPE	5.893 mm



Number	1	2	3
Colour	Black and Red	Black and White	Black and Green

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 40.330 Kg/Km  
 Max. Recommended Pulling Tension: 146.791 N  
 Min. Bend Radius/Minor Axis: 63.500 mm

Electrical Characteristics

**Impedance (Ohm) :** 75  
**Capacitance (pF/m) :** 98.43  
**Capacitance (pF/m) :** 164.05  
**Nominal Velocity of Propagation:** 60  
**DCR @ 20 °C (Ohm/km):** 78.744  
**Max. Operating Voltage :** 300 V RMS  
**Max. Recommended Current:** 1.76 Amps per conductor