

**2 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden9502 Equiv.)**

Part number: 505-004

**Description:**

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

**Conductor**

Number of pairs	AWG	Stranding	Conductor material
2	24	7x32	TC- Tinned copper

**Insulator**

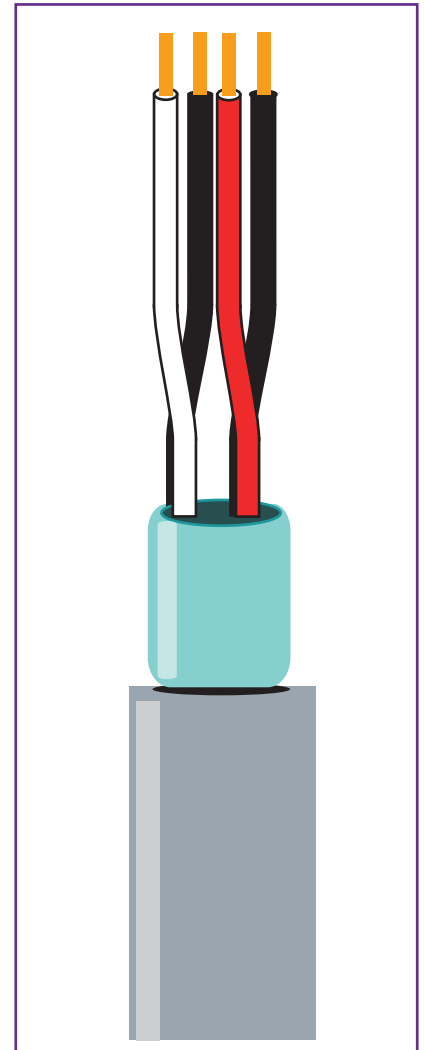
Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

**Shields**

Outer Shield Material	Coverage (%)
Aluminum Foil-Polyester Tape	100

**Outer Jacket**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.813



Number	1	2
Colour	Black and Red	Black and White

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 38.693 Kg/Km  
 Max. Recommended Pulling Tension: 97.860 N  
 Min. Bend Radius/Minor Axis: 57.150 mm  
 Overall Nominal Diameter: 5.639 mm

**Electrical Characteristics**

Capacitance (pF/m): 83.6655  
 DCR @ 20°C (Ohm/km): 48.2307  
 Max Operating Voltage: 300V RMS  
 Max Recommended Current: 2.2 Amps @ 20°C