

15 Core Overall Screened Multicore RS232 Cable 24 AWG (Belden 9541 Equiv.)

Part number: 503-013

Description:

24 AWG stranded (7x32) tinned copper conductors, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Conductor

# of conductors	AWG	Stranding	Conductor material
15	24	7x32	TC- Tinned copper

Insulator

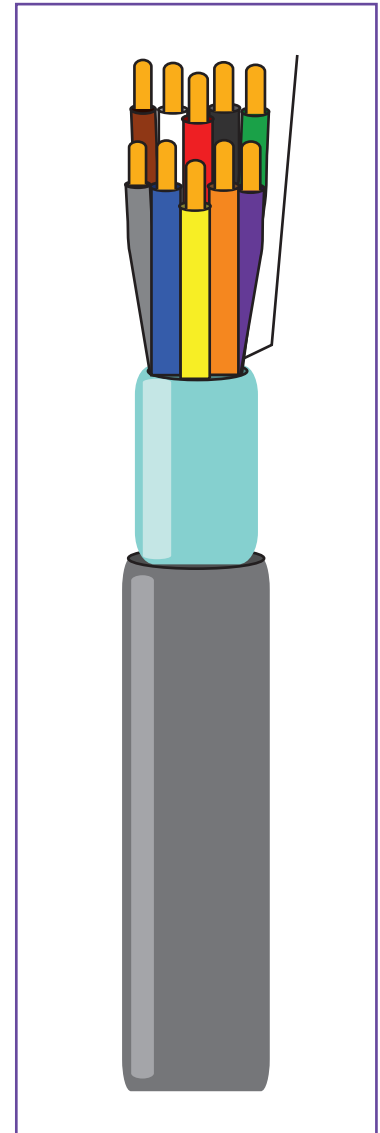
Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl chloride	0.010

Outer Shield

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

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.032



Wire colours

Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 77.386 Kg/Km  
 Max. Recommended Pulling Tension: 366.977 N  
 Min. Bend Radius/Minor Axis: 76.200 mm  
 Overall diameter: 7.3mm

Electrical Characteristics

**Capacitance (pF/M):** 98.43  
**DCR @ 20°C (Oh/Km):** 82.025  
**Max Operating Voltage:** 300V RMS  
**Max Recommended Current:** 1.75Amps per conductor @ 25°C