

10 Core Overall Screened Multicore RS232 Cable 24 AWG (Belden 9540 Equiv.)

Part number: 503-011

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
10	24	7x32	TC- Tinned copper

Insulator

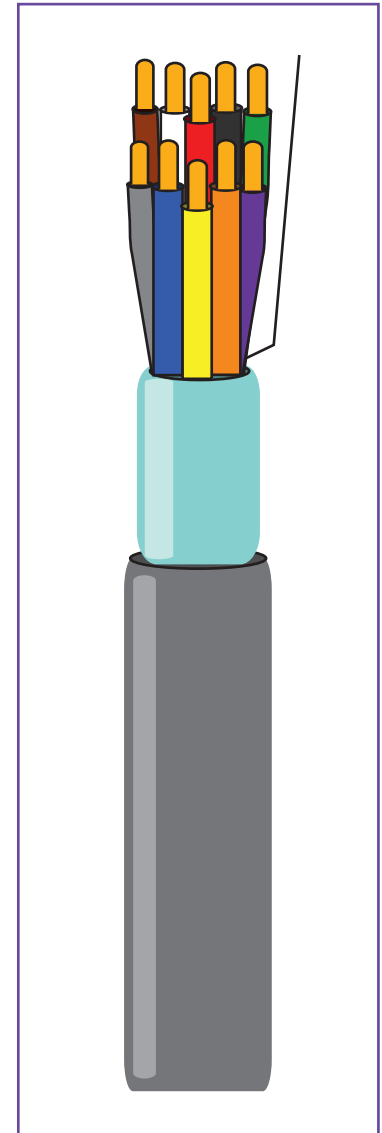
Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl chloride	0.010

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

Blue	Red	Green	White	Black	Yellow	Orange	Brown	Purple	Grey
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Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
UL Temperature Rating: 80°C (UL AWM Style 2464)
Bulk Cable Weight: 55.063 Kg/Km
Max. Recommended Pulling Tension: 244.651 N
Min. Bend Radius/Minor Axis: 63.500 mm
Overall diameter: 6.2mm

Electrical Characteristics

Capacitance (pF/M): 95.43
DCR @ 20°C (Oh/Km): 82.025
Max Operating Voltage: 300V RMS
Max Recommended Current: 1.75Amps per conductor @ 25°C