

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

Part number: 503-012

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

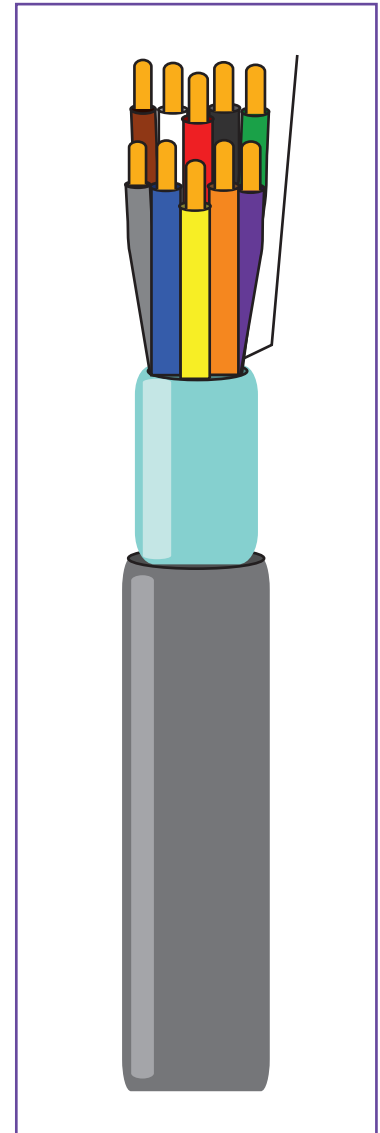
Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl chloride	0.010

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)
LSHF	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