

10 Core Overall Foil and Braid Screened Multicore RS232 Cable 22(7) AWG (Belden 9946 Equiv.)

Part number: 518-008

Description:

22 AWG stranded (7x30) TC conductors, S-R PVC insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

Conductor

# Conductors	AWG	Stranding	Conductor Material
10	22	7x30	TC- Tinned copper

Insulator

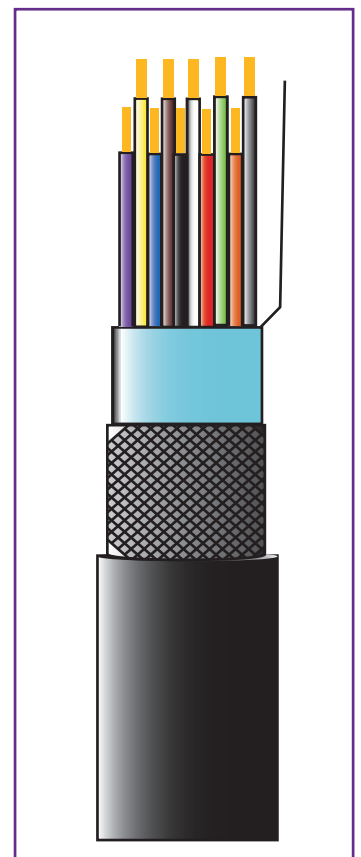
Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

Outer Shield

Layer#	Outer shield trade name	Type	Outer shield material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil polyester tape	100
2		Braid	TC - Tinned copper	65

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2464)  
 Bulk Cable Weight: 87.804 Kg/Km  
 Min. Bend Radius/Minor Axis: 76.200 mm  
 Overall diameter: 7.620 mm

Electrical Characteristics

**Capacitance (pF/m):** 114.835  
**DCR @ 20°C (Ohm/Km):** 48.2307  
**Max. Operating Voltage:** 300 V RMS  
**Max. Recommended Current:** 2.1 Amps per conductor @ 25 °C