

25 Core Overall Foil and Braid Screened Multicore RS232 Cable 22(7) AWG (Belden 9948 Equiv.)

Part number: 518-010

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
25	22	7x30	TC- Tinned copper

Insulator

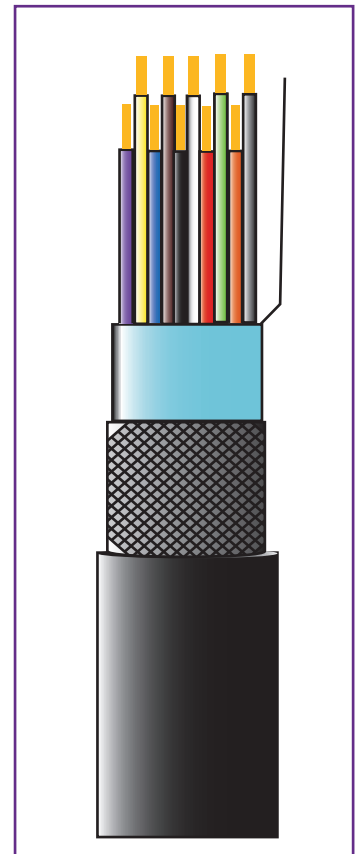
Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

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: 183.049 Kg/Km
 Min. Bend Radius/Minor Axis: 107.950 mm
 Overall diameter: 10.414 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