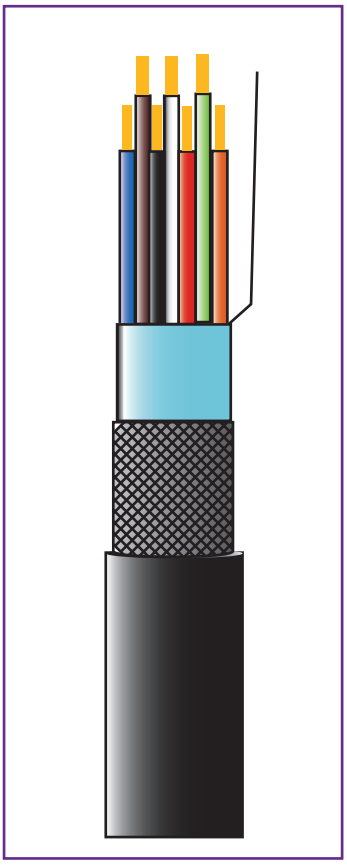
7 Core Overall Foil and Braid Screened Multicore RS232 Cable22(7) AWG (Belden 9943 Equiv.)

Part number: 518-005

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
7	22	7x30	TC- Tinned copper

Insulator

Insulation Material	Wall Thickness (mm)
FPE - Foam Polyethylene	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	70

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: 63.993 Kg/Km
Min. Bend Radius/Minor Axis: 63.500 mm
Overall diameter: 6.223 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

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