

3 Core Overall Foil and Braid Screened Multicore RS232 Cable 22(7) AWG (Belden 9939 Equiv.)

Part number: 518-001

Description:

22 AWG triads stranded (7x30) tinned copper conductors, twisted triads, PVC insulation, overall Beldfoil shield (100% coverage), PVC jacket.

Conductor

# Conductors	AWG	Stranding	Conductor Material
3	22	7x30	TC- Tinned copper

Insulator

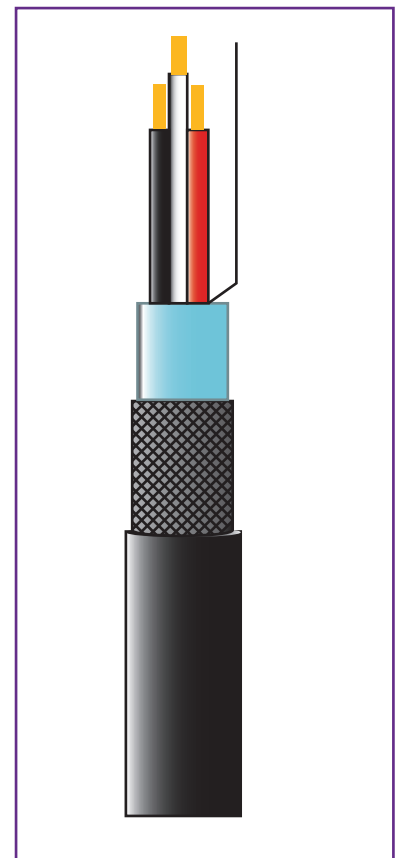
Insulation Material	Dia. (mm)
FPE - Foam Polyethylene	1.5748

Outer Shield

Layer#	Outer shield trade name	Type	Outer shield material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil polyester tape	100

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C
 UL Temperature Rating: 105°C
 Bulk Cable Weight: 38.693 Kg/Km
 Max. Recommended Pulling Tension: 128.998 N
 Min. Bend Radius/Minor Axis: 50.800 mm
 Overall diameter: 5.283 mm

Electrical Characteristics

Capacitance (pF/m): 147.645
DCR @ 20°C (Ohm/km): 49.215
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 3.8 Amps per conductor @ 25 °C