

3 Core Overall Foil and Braid Screened Cores RS232 and RS423 Low Capacitance Cable 24 AWG (Belden 9925 Equiv.)

Part number: 514-002

Description:

24 AWG stranded (7x32) tinned copper conductors, Datalene® insulation, overall Beldfoil® (100% coverage) plus a tinned copper braid shield (65% coverage), drain wire, PVC jacket.

Conductor

# Conductors	AWG	Stranding	Conductor Material
3	24	7x32	TC- Tinned copper

Insulator

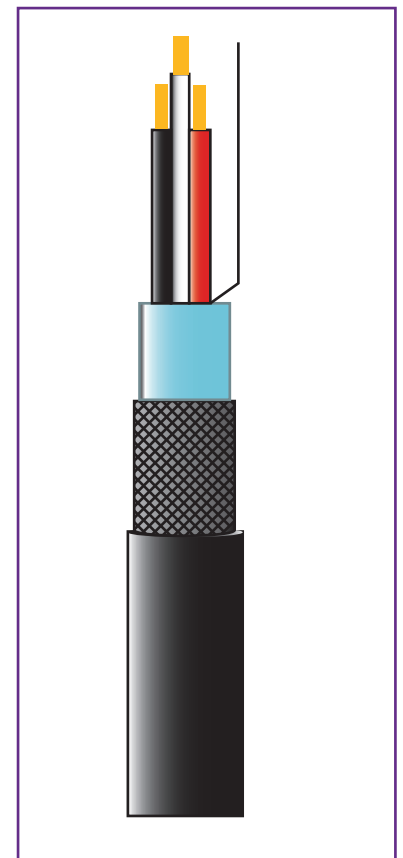
Insulation Material	Dia. (mm)
FPE - Foam Polyethylene	0.381

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	90

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 2919)
 Bulk Cable Weight: 35.717 Kg/Km
 Min. Bend Radius/Minor Axis: 57.150 mm
 Overall diameter: 5.309 mm

Electrical Characteristics

Capacitance (pF/m): 39.372
Nominal Velocity of Propagation: 78
DCR @ 20°C (Ohm/km): 78.744
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 2.2 Amps per conductor @ 25 °C