

25 Core Overall Foil and Braid Screened Cores RS232 and RS423 Low Capacitance Cable 24 AWG (Belden 9937 Equiv.)

Part number: 514-011

Description:

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

Conductor

# Conductors	AWG	Stranding	Conductor Material
25	24	7x32	TC- Tinned copper

Insulator

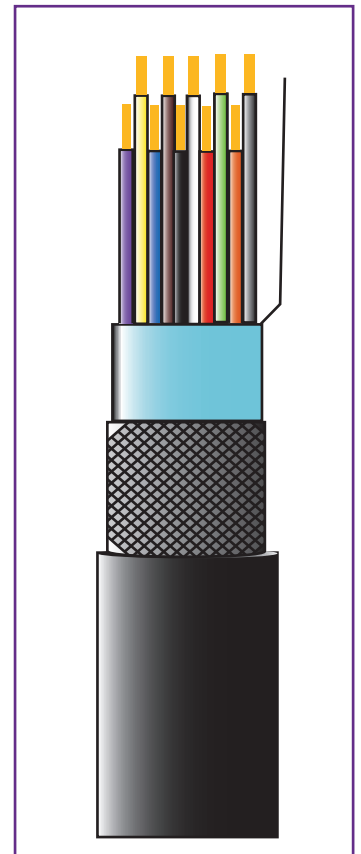
Insulation Material	Dia. (mm)
FPE - Foam Polyethylene	0.381

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	65

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.245



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
 UL Temperature Rating: 80°C (UL AWM Style 2919)
 Bulk Cable Weight: 147.332 Kg/Km
 Min. Bend Radius/Minor Axis: 114.300 mm
 Overall diameter: 11.303 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: 1.1 Amps per conductor @ 25 °C