

37 Core Overall Foil and Braid Screened Cores RS232 and RS423 Low Capacitance Cable 24 AWG (Belden 9938 Equiv.)

Part number: 514-012

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
37	24	7x32	TC- Tinned copper

Insulator

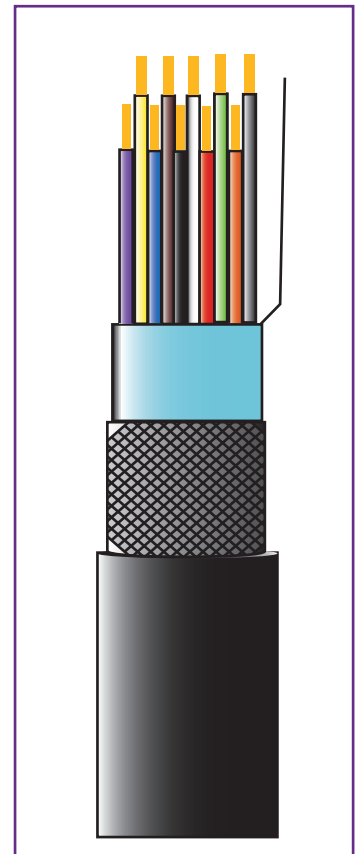
Insulation Material	Dia. (mm)
FPE - Foam Polyethylene	0.381

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	1.143



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2919)  
 Bulk Cable Weight: 191.978 Kg/Km  
 Min. Bend Radius/Minor Axis: 127 mm  
 Overall diameter: 12.090 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:** 1.5 Amps per conductor @ 25 °C