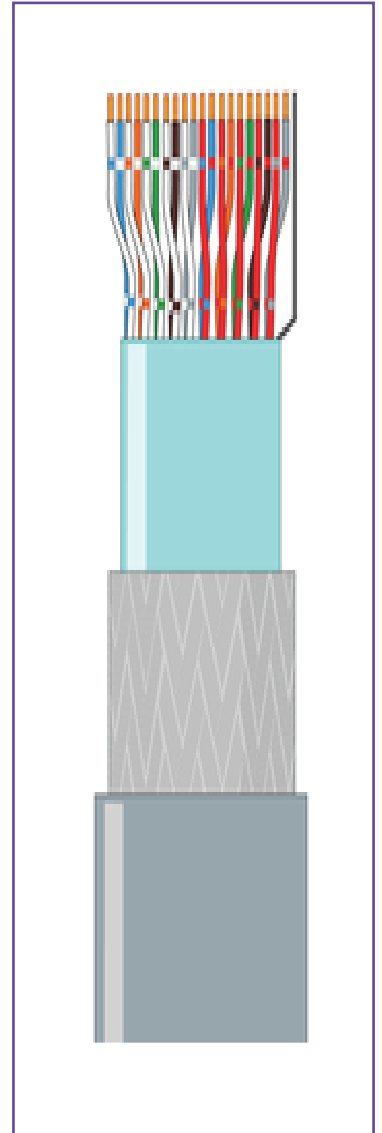


18 Pair Overall Foil and Braid Screened Pairs RS232 and RS423 Low Capacitance Cable 24 AWG (Belden 8118 Equiv.)

Part number: 515-014

Description:

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



Conductor

Number of pairs	AWG	Stranding	Conductor Material
18	24	7x32	TC- Tinned copper

Insulator

Insulation Material	Wall Thickness (mm)
FPE - Foam Polyethylene	0.381

Outer Shield

Layer#	Outer shield trade name	Type	Outer shield material	Coverage (%)
1	Beldfoil® (w/ shorting fold)	Tape	Aluminum Foil polyester tape	100
2		Braid	TC - Tinned copper	65

Outer Jacket

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC	1.219

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2919)  
 Bulk Cable Weight: 197.931 Kg/Km  
 Max. Recommended Pulling Tension: 905.209 N  
 Min. Bend Radius/Minor Axis: 139.700 mm  
 Overall diameter: 13.640 mm

Electrical Characteristics

**Impedance (Ohm):** 100  
**Capacitance (pF/m):** 41.9968  
**Nominal Velocity of Propagation:** 78  
**DCR @ 20°C (Ohm/KM) :** 78.744  
**Max. Operating Voltage:** 300 V RMS  
**Max. Recommended Current:** .88 Amps per conductor @ 25 °C