

25 Pair Overall Foil and Braid Screened Multicore RS232 and RS422 Cable 24(7) AWG (Belden 9838 Equiv.)

Part number: 519-012

Description:

24 AWG stranded (7x32) TC conductors, polyethylene 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
25	24	7x32	TC- Tinned copper

Insulator

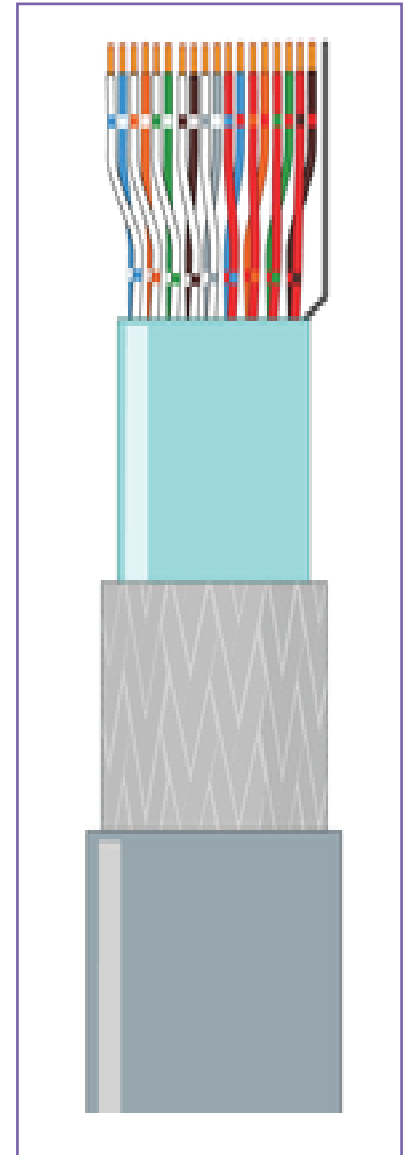
Insulation Material
FPE - Foam Polyethylene

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
PVC



Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C  
 UL Temperature Rating: 80°C (UL AWM Style 2919)  
 Bulk Cable Weight: 294.664 Kg/Km  
 Min. Bend Radius/Minor Axis: 171.450 mm  
 Overall diameter: 17.018 mm

Electrical Characteristics

**Impedance (Ohm):** 100  
**Capacitance (pF/m):** 50.8555  
**Nominal Velocity of Propagation:** 66%  
**DCR @ 20°C (Ohm/KM) :** 78.744  
**Max. Operating Voltage:** 300 V RMS  
**Max. Recommended Current:** 1 Amps per conductor @ 25 °C