

12.5 Pair Overall Foil and Braid Screened Pairs RS232 and RS423 Low Capacitance Cable 24 AWG (Belden 8112 Equiv.)

Part number: 515-012

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

# Conductor	Number of pairs	AWG	Stranding	Conductor Material
1	12	24	7x32	TC- Tinned copper

Insulator

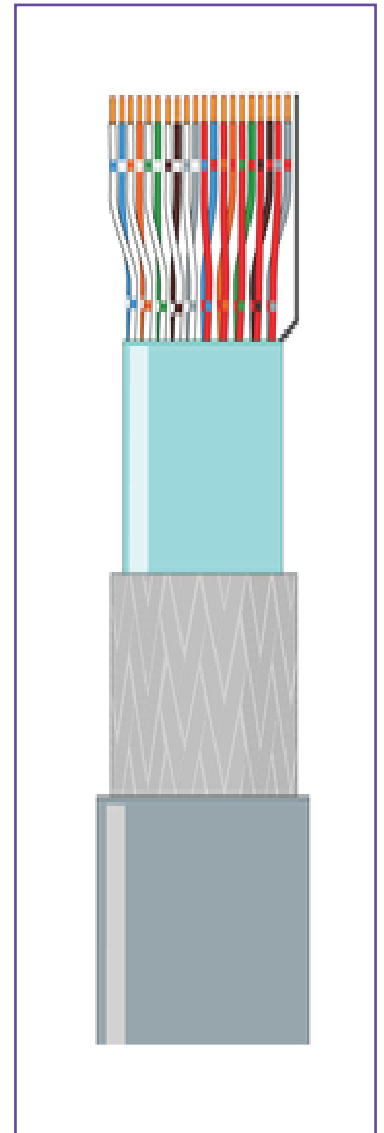
Insulation Material	Wall Thickness (mm)
FPE - Foam Polyethylene	0.330

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	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: 136.914 Kg/Km
 Max. Recommended Pulling Tension: 342.511 N
 Min. Bend Radius/Minor Axis: 114.300 mm
 Overall diameter: 11.176 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: 1.5 Amps per conductor @ 25 °C