

12 Pair Individually Screened Pairs Low Capacitance RS422 Cable 24 AWG (Belden 9734 Equiv.)

Part number: 512-013

Description:

24 AWG stranded (7x32) TC conductors, Datalene® insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 24 AWG stranded TC drain wire, overall PVC jacket.

Conductor

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

Insulator

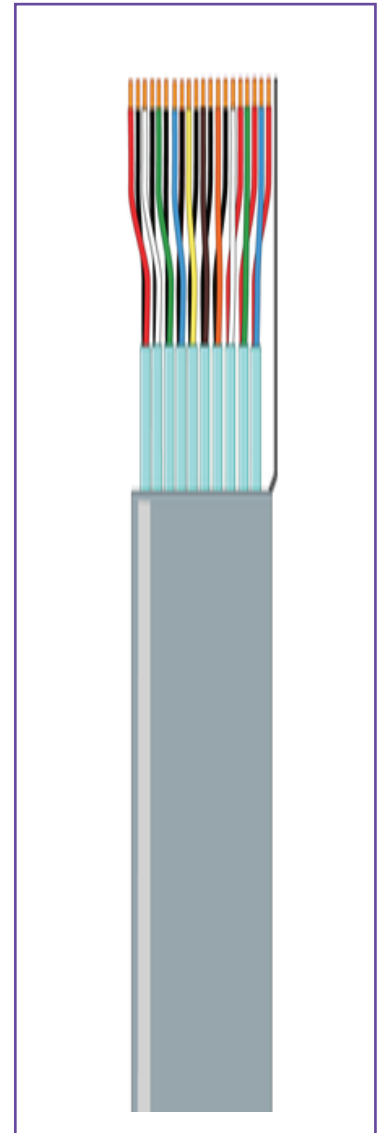
Insulation Material	Wall Thickness (mm)
FPE - Foam Polyethylene	1.5494

Outer Shield

Outer Shield Trade Name	Type	Outer shield material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum foil-polyester tape	100

Outer Jacket

Outer Jacket Material
PVC - Polyvinyl Chloride



Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C
 UL Temperature Rating: 60°C (UL AWM Style 2493)
 Bulk Cable Weight: 223.230 Kg/Km
 Max. Recommended Pulling Tension: 911.881 N
 Min. Bend Radius/Minor Axis: 146.050 mm
 Overall diameter: 14.605 mm

Electrical Characteristics

Impedance (Ohm): 100
Capacitance (pF/m): 41.0125
Nominal Velocity of Propagation: 76
DCR @ 20°C (Ohm/km): 78.744
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 1.9 Amps per conductor @ 25 °C