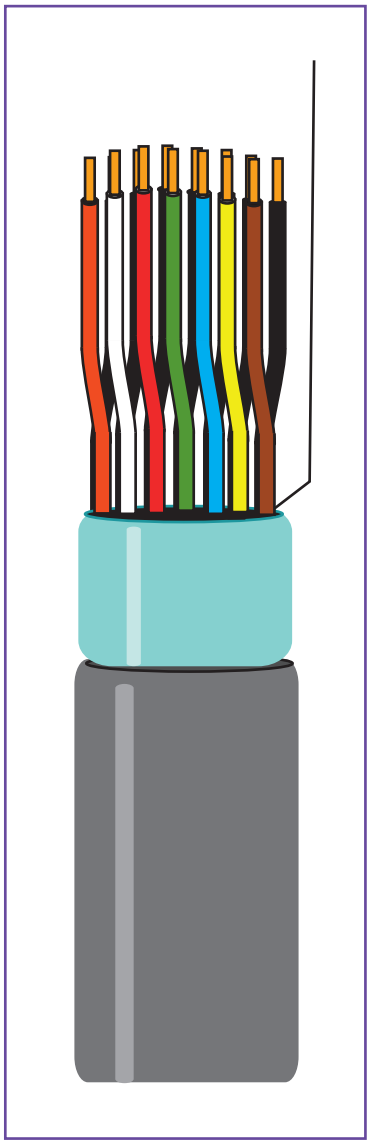
7 Pair Overall Screened Multipair RS232 Cable 24 AWG (Belden9507 LSHF Equiv.)

Part number: 505-018

Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire (continued), PVC jacket.



Conductor

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

Insulator

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

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
LSHF

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
UL Temperature Rating: 80°C (UL AWM Style 2464)
Bulk Cable Weight: 49.300 lbs/1000 ft.
Max. Recommended Pulling Tension: 77 lbs.
Min. Bend Radius/Minor Axis: 3 in.
Overall diameter: 7.5mm

Electrical Characteristics

Capacitance (pF/ft): 30
Nominal Velocity of Propagation: 50
DCR @ 20°C (Ohm/1000 ft): 24
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 1.5 Amps per conductor @ 25 °C

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