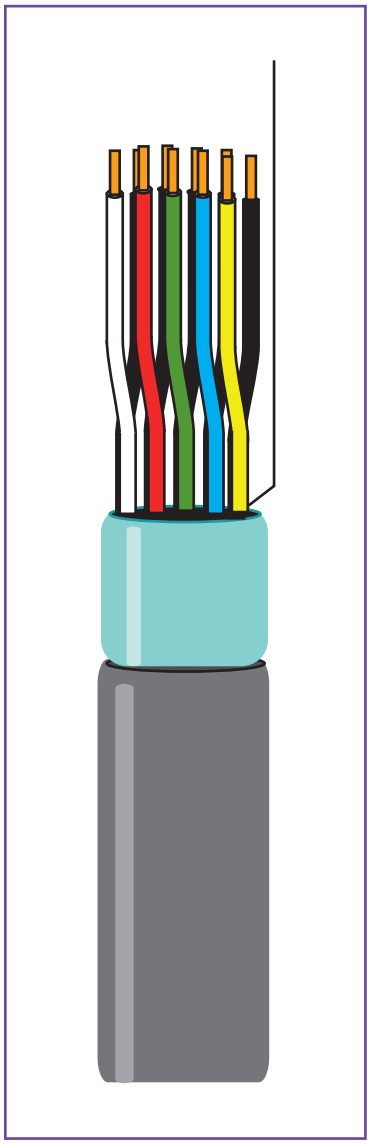
GEM CABLE SOLUTIONS

5 Pair Overall Screened Multipair RS232 Cable 22 AWG (BeldenEquiv.)

Part number: 506-004

Description:

22 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield(100% coverage), 22 AWG stranded TC drain Wire, PVC jacket.



Conductor

Number of pairs	AWG	Stranding	Conductor material
5	22	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
PVC - Polyvinyl Chloride

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C
UL Temperature Rating: 80°C (UL AWM Style 2464)
Bulk Cable Weight: 81 kg/Km
Max. Recommended Pulling Tension: 244.651 N
Min. Bend Radius/Minor Axis: 76.200 mm
Overall diameter: 7.4mm

Electrical Characteristics

Capacitance (pF/ft): 98.43
Nominal Velocity of Propagation: 60
DCR @ 20°C (Ohm/1000 ft): 78.744
Max. Operating Voltage: 300 V RMS
Max. Recommended Current: 1.5 Amps per conductor @ 25 °C

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