

YJ57187

**Instrumentation and Computer Cable for
EIA RS-485 Data Transmission Application**

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

24 AWG stranded (7x32) tinned copper conductors, LDPE insulation, overall Beldfoil® shield, Tinned Copper Braid, tinned copper drain wire, overall PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Conductor Stranding	7 x 0.2 mm
Nominal Conductor Gauge	24 AWG
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	LDPE – Low Density Polyethylene
Nom. Insulation Diameter	1.73 mm

OVERALL CABLING:

Nom. Overall Cabling Lay:	63.5 mm
Color Code Chart	White/Blue & Blue/White

OVERALL SHIELD:

Overall Shield Trade Name – Layer 1	Beldfoil®
Overall Shield Type – Layer 1	Tape
Overall Shield Material – Layer 1	Aluminum Foil - Polyester Tape
Overall Shield Coverage (%) - Layer 1	100
Drain Wire Conductor Material	TC - Tinned Copper
Drain Wire Conductor Size	24 AWG
Drain Wire Conductor Stranding	7 x 0.2 mm
Overall Shield Type - Layer 2	Braid
Overall Shield Material - Layer 2	TC - Tinned Copper
Nom. Overall Braid Shield Coverage – Layer 2	50%

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OUTER JACKET:

Outer Jacket Material	PVC – Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	0.9 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	5.9 mm
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MECHANICAL CHARACTERISTICS:

Temperature Rating	-20°C To + 80°C
Min. Bend Radius	10 x Outer Diameter

APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	June 2007

FLAME:

Flame Test	IEC 60332-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20°C	24 Ω/1000 ft
Nom. Capacitance Conductor to Conductor	13 pF/ft
Nom. Capacitance Conductor to Shield	27 pF/ft
Nom. Characteristic Impedance:	120 ohm
Nom. Attenuation @ 1MHz	0.6 dB/100ft
Max. Operating Voltage	300 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kg)	Jacket Color
YJ57187 060305M	1P #24 PE SH PVC	305	15	Chrome
YJ57187 0101000M	1P #24 PE SH PVC	1000	47	Black
YJ57187 060500M	1P #24 PE SH PVC	500	24	Chrome

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