

88102 Paired - Low Cap. Computer Cable for EIA RS-232/422/485 Applications

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 5 for Paired Cables (Western Electric Standard).pdf</p>
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Description:

24 AWG stranded (7x32) tinned copper conductors, plenum, foam FEP insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, fluorocopolymer jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	FFEP - Foam Fluorinated Ethylene Propylene
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Pair Color Code Chart :

Number	Color	Number	Color
1	White/Blue & Blue/White	2	White/Orange & Orange/White

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVDF - Fluorocopolymer
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OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.203 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +150°C
Bulk Cable Weight	21.4 lbs/1000 ft.
Max. Recommended Pulling Tension	28 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	100 Ohms
Nom. Inductance	0.21 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	12.95 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	23.3 pF/ft
Nominal Velocity of Propagation	78 %
Nominal Delay	1.3 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	24.0 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	15.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	1.76 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
88102 0081000	2#24 PR FS SOLEF	1000	20	GRAY	C
88102 008500	2#24 PR FS SOLEF	500	10	GRAY	C

C = CRATE REEL PUT-UP.

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