

9804 Paired - Low Capacitance Computer Cables for EIA RS-232/422

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 3 for Paired Cables (Belden Standard).pdf</p>
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Description:

28 AWG stranded (7x36) TC conductors, polypropylene insulation, overall Beldfoil® (100% coverage) + TC braid shield (90% coverage), 28 AWG stranded TC drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	28
Stranding	7x36
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Lay Length	.5 in.
Twists/ft.	24

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	2	Black & White

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	90

Outer Shield % Coverage	100 %
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OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	28
Outer Shield Drain Wire Stranding	7x36

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Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.214 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2960)
Bulk Cable Weight	26 lbs/1000 ft.
Max. Recommended Pulling Tension	40 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL2
AWM Specification	UL Style 2960 (30 V 60°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test	UL1685 UL Loading
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	100 Ohms
Nom. Inductance	.19 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	15.5 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	27.5 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	64.9 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	4.9 Ohms/1000 ft
Max. Operating Voltage - UL	30 V RMS (UL AWM Style 2960); 150 V RMS
Max. Recommended Current	1 Amp per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9804 060100	2 PR #28 PP SH PVC	100	3.9	CHROME	

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9804 0601000	2 PR #28 PP SH PVC	1000	32	CHROME	C
9804 060500	2 PR #28 PP SH PVC	500	14.5	CHROME	C

C = CRATE REEL PUT-UP.

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