

9946 Non-Paired - Computer Cable for EIA RS-232 Applications

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 1.pdf</p>
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Description:

22 AWG stranded (7x30) TC conductors, S-R PVC insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	10
Total Number of Conductors	10
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
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OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	6	Blue
2	White	7	Orange
3	Red	8	Yellow
4	Green	9	Purple
5	Brown	10	Gray

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
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	65

Outer Shield % Coverage	100 %
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OUTER JACKET:

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Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.300 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	63 lbs/1000 ft.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005

FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	35 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	63 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	14.7 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	4.6 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	2.1 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9946 060100	10 #22 PVC SH PVC	100	6.6	CHROME	
9946 0601000	10 #22 PVC SH PVC	1000	62	CHROME	C
9946 060500	10 #22 PVC SH PVC	500	31.5	CHROME	C

C = CRATE REEL PUT-UP.

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