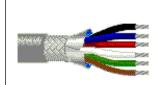


9942 Non-Paired - Computer Cable for EIA RS-232 Applications





For more information please call 1-800-Belden1

See Put-ups and Colors

Related Documents: No. 1.pdf

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	6
Total Number of Conductors	6
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material S-R PVC - Semi-Rigid Polyvinyl Chloride

OVERALL CABLING:

Overall Cabling Color Code Chart:

Number	Color	Number	Color
1	Black	4	Green
2	White	5	Brown
3	Red	6	Blue

OUTER SHIELD:

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

Outer Shield Type Tape/Braid

Outer Shield Material:

Layer Number	Material Trade Name	Туре	Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

Outer Shield %Coverage 100 %

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride



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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .245 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	42 lbs/1000 ft.
Max. Recommended Pulling Tension	74.5 lbs.
Min. Bend Radius (Install)	2.5 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
UL 1685 FT4 Loading
C(UL) Flame Test
FT4

PLENUM/NON-PLENUM:

Plenum (Y/N) N

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	7.9 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
9942 060100	6 #22 PVC SH PVC	100	4.7	CHROME	
9942 0601000	6 #22 PVC SH PVC	1000	43	CHROME	С
9942 060500	6 #22 PVC SH PVC	500	22	CHROME	С

Detailed Specifications & Technical Data



9942 Non-Paired - Computer Cable for EIA RS-232 Applications

Revision Number: 1 Revision Date: 11-22-2005

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