Detailed Specifications & Technical Data

BELDENCable

9507 Paired - Computer Cable for EIA RS-232 Applications



For more information please call

1-800-Belden1

See Put-ups and Colors

Related Documents : No. 3 for Paired Cables (Belden Standard).pdf

Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire (continued), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	7
Total Number of Conductors	14
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

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

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	5	Black & Yellow
2	Black & White	6	Black & Brown
3	Black & Green	7	Black & Orange
4	Black & Blue		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
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

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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.294 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
Non-UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	49.3 lbs/1000 ft.
Max. Recommended Pulling Tension	77 lbs.
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)
CSA Specification	AWM I A
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	UL1685 FT4 Loading
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	50 pF/ft
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	24 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	16.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	1.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

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Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9507 060100	7 PR #24 PVC FS PVC	100	5.5	CHROME	
9507 0601000	7 PR #24 PVC FS PVC	1000	51	CHROME	C
9507 060500	7 PR #24 PVC FS PVC	500	27	CHROME	C
9507 060U1000	7 PR #24 PVC FS PVC	U1000	49	CHROME	
9507 060U500	7 PR #24 PVC FS PVC	U500	25	CHROME	

C = CRATE REEL PUT-UP.

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