Detailed Specifications & Technical Data

BELDENCable

9515 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	15
Total Number of Conductors	30
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	9	Red & Green
2	Black & White	10	Red & Blue
3	Black & Green	11	Red & Yellow
4	Black & Blue	12	Red & Brown
5	Black & Yellow	13	Red & Orange
6	Black & Brown	14	Green & White
7	Black & Orange	15	Green & Blue
8	Red & White		

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 %

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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	PVC - Polyvinyl Chloride
OVERALL NOMINAL DIAMETER:	
Overall Nominal Diameter	.417 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-30°C To +80°C
Non-UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	95.1 lbs/1000 ft.
Max. Recommended Pulling Tension	165 lbs.
Min. Bend Radius (Install)	4.17 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)

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Max. Recommended Current	1.1 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9515 060100	15 PR #24 PVC PVC	100	10.4	CHROME	
9515 0601000	15 PR #24 PVC PVC	1000	102	CHROME	C
9515 060500	15 PR #24 PVC PVC	500	52	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 07-19-2005

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