

9180 Paired - Digital Video Time Code

  	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

110 Ohm, 26 AWG stranded (7x34) .018" TC conductors, Datalene® insulation, twisted pair, Beldfoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	26
Stranding	7x34
Conductor Diameter	.019 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material Trade Name	Datalene®
Insulation Material	FHDPE - Foam High Density Polyethylene
Insulation Diameter	.049 in.
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color
1	Black & 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 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	26
Outer Shield Drain Wire Stranding	7x34
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.144 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +75°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	9.4 lbs/1000 ft.
Max. Recommended Pulling Tension	10.5 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
Other Specification	AES/EBU

FLAME TEST:

UL Flame Test	UL1685 FT4 Loading
CSA Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	110 Ohms
Nom. Inductance	.23 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	13.0 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	26 pF/ft
Nominal Velocity of Propagation	76 %
Nominal Delay	1.34 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	37.3 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	23.1 Ohms/1000 ft
Nom. Attenuation (dB/100 ft) :	

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	.38			0.84
	.77			1.18
	1.0			1.34
	1.5			1.54
	2.0			1.69
	3.1			1.92
	4.1			2.14
	5.6			2.40
	8.2			2.75
	11.3			3.09
	12.3			3.18
	24.6			4.20

Max. Operating Voltage - UL

300 V RMS

Max. Recommended Current

1.9 Amps per conductor @ 25°C

NOTES:

Notes

For cross-connect use with 7891A (et al.) Digital Audio Snake Cables.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9180 0601000	2 #26 FHDPE FS FRPVC	1000	10	CHROME	C
9180 Z4B1000	2 #26 FHDPE FS FRPVC	1000	10	VIO Z4B	

C = CRATE REEL PUT-UP.

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