ENGLISH MEASUREMENT VERSION



9732 Multi-Conductor - Multi-Pair Snake Cable



For more Information please call

1-800-Belden1



Description:

24 AWG stranded (7x32) TC conductors, Datalene® insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 24 AWG stranded TC drain wire, overall PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
9	24	7x32	TC - Tinned Copper	.024

Insulation

Insulation Material:

Insulation Trade Name		Insulation Material	Dia. (in.)
	Datalene®	FPE - Foam Polyethylene	.061

Inner Shield

Inner Shield Material:

Inner Shield Trade Name		Type	Inner Shield Material	Coverage (%)
	Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.488 in.

Pair

Pair Color Code Chart:

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

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
1.750	6.850

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Med	Mechanical Characteristics (Overall)				
	Operating Temperature Range:	-20°C To +80°C			
,	UL Temperature Rating:	60°C (UL AWM Style 2493)			
,	Bulk Cable Weight:	122 lbs/1000 ft.			
,	Max. Recommended Pulling Tension:	150 lbs.			
,	Min. Bend Radius (Install)/Minor Axis:	5 in.			
App	olicable Specifications and Agency Com	pliance (Overall)			
Ap	plicable Standards & Environmental Program	ns			
	NEC/(UL) Specification:	СМ			
	CEC/C(UL) Specification:	СМ			
	AWM Specification:	UL Style 2493 (300 V 60°C)			
	EU CE Mark:	Yes			
,	EU Directive 2000/53/EC (ELV):	Yes			
	EU Directive 2002/95/EC (RoHS):	Yes			
,	EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004			
	EU Directive 2002/96/EC (WEEE):	Yes			
,	EU Directive 2003/11/EC (BFR):	Yes			
	CA Prop 65 (CJ for Wire & Cable):	Yes			
	MII Order #39 (China RoHS):	Yes			
Flame Test					
	UL Flame Test:	UL1685 UL Loading			
Ple	num/Non-Plenum				
	Plenum (Y/N):	No			
	Plenum Number:	89732			

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



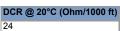
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

15 Ohm/1000 ft

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Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.384	0.74
.7056	0.87
.768	0.88
1.024	0.94
1.4112	1.01
1.536	1.03
2.048	1.13
2.8224	1.29
3.072	1.35
4.096	1.57
5.6448	1.78
6.144	1.84
8.192	2.13
11.2896	2.45
12.288	2.57
24.576	3.57

Max. Operating Voltage - UL:

300 V RMS (UL AWM Style 2493)

Max. Recommended Current:

Current 1.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: Datalene® insulation features include low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9732 060100	100 FT	9.900 LB	CHROME		9 FS PR #24 FHDPE PVC
9732 0601000	1,000 FT	106.000 LB	CHROME	С	9 FS PR #24 FHDPE PVC
9732 060500	500 FT	57.000 LB	CHROME	С	9 FS PR #24 FHDPE PVC

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-18-2008

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