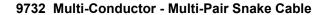
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





For more Information please call

1-800-Belden1



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General 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. (mm)
9	24	7x32	TC - Tinned Copper	0.6096

Total Number of Conductors:

18

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (mm)
Datalene®	FPE - Foam Polyethylene	1.5494

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:



Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.219

Overall Cable

Overall Nominal Diameter: 12.395 mm

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

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +80°C

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Detailed Specifications & Technical Data





9732 Multi-Conductor - Multi-Pair Snake Cable

UL Temperature Rating:	60°C (UL AWM Style 2493)	
Bulk Cable Weight:	147.332 Kg/Km	
Max. Recommended Pulling Tension:	667.230 N	
Min. Bend Radius/Minor Axis:	127 mm	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM		
CEC/C(UL) Specification:	CM		
AWM Specification:	UL Style 2493 (300 V 60°C)		
EU Directive 2011/65/EU (ROHS II):	Yes		
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		
ame Test			

Fla

UL Flame Test: UL1685 UL Loading

Plenum/Non-Plenum

Plenum (Y/N): No **Plenum Number:** 89732

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
100

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

Ind. Pair Nominal Shield DC Resistance @ 20 49.215 Ohm/km Deg. C:

Nom. Attenuation:

Freq. (MHz) Attenuation (dB/100m)

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9732 Multi-Conductor - Multi-Pair Snake Cable

.384	2.42794
.7056	2.85447
.768	2.88728
1.024	3.08414
1.4112	3.31381
1.536	3.37943
2.048	3.70753
2.8224	4.23249
3.072	4.42935
4.096	5.15117
5.6448	5.84018
6.144	6.03704
8.192	6.98853
11.2896	8.03845
12.288	8.43217
24.576	11.7132

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

C	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.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9732 060100	100 FT	11.600 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

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-28-2012

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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