Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9369 Multi-Conductor - 300V Power-Limited Tray Cable

For more Information please call

1-800-Belden1



General Description:

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs AWG		Stranding	Conductor Material			
3	18	19x30	TC - Tinned Copper			

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material				
PVC - Polyvinyl Chloride				

Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

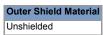


Inner Shield Drain Wire Stranding: 19x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)		
PVC - Polyvinyl Chloride	1.3462		

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Direction		
Left-hand Lay		

Overall Nominal Diameter: 10.109 mm

Pair

Pair Color Code Chart:

Number	Color		
1	Black & Red #1		
2	Black & Red #2		

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3 Black & Red #3

Mechanical Characteristics (Overall)				
Operating Temperature Range:	-30°C To +105°C			
UL Temperature Rating:	105°C			
Bulk Cable Weight:	148.820 Kg/Km			
Max. Recommended Pulling Tension:	978.604 N			
Min. Bend Radius/Minor Axis:	107.950 mm			
Applicable Specifications and Agency Co	ompliance (Overall)			
Applicable Standards & Environmental Prog	rams			
NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER			
CEC/C(UL) Specification:	CMG			
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):	04/01/2005			
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 FT4 Loading			
C(UL) Flame Test:	FT4			
IEEE Flame Test:	1202			
Suitability				
Suitability - Indoor:	Yes			
Suitability - Outdoor:	Yes			
Suitability - Burial:	Yes			
Sunlight Resistance:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Surface Printing (Overall)				
Surface Printing:	LEGEND: BELDEN 9369 E34972 3PR18 (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMGFT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET			

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.59058

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m) 334.662

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

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187.017

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 19.5548

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

27.232 Ohm/km

Max. Operating Voltage - UL:

Voltage 300 V RMS (PLTC CMG) 150 V RMS (ITC)

Max. Recommended Current:

Current

6.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9369 0601000	1,000 FT	99.000 LB	CHROME	С	3 PR #18 PVC FS PVC
9369 0602500	2,500 FT	242.500 LB	CHROME	Z	3 PR #18 PVC FS PVC
9369 060500	500 FT	50.500 LB	CHROME	С	3 PR #18 PVC FS PVC
9369 0605000	5,000 FT	520.000 LB	CHROME	CZ	3 PR #18 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 3 Revision Date: 05-17-2015

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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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