Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9388 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.

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Physical Characteristics (Overall)

Conductor

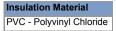
AWG:

# Pairs	AWG	Stranding	Conductor Material
4	18	19x30	TC - Tinned Copper

Total Number of Conductors:

Insulation

Insulation Material:



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:

AWG	Stranding	Conductor Material
20	19x32	TC - Tinned Copper

Outer Shield

Outer Shield Material:

Outer Shield	Material
Unshielded	

Outer Jacket

Outer Jacket Material:

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

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 11.709 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red #1
2	Black & Red #2
3	Black & Red #3
4	Black & Red #4

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

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Bulk Cable Weight:	184.537 Kg/Km				
Max. Recommended Pulling Tension:	462.613 N				
Min. Bend Radius/Minor Axis:	116.840 mm				
Applicable Specifications and Agency Compliance (Overall)					
Applicable Standards & Environmental Progr	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 Vertical Tray Flame Test				
CSA 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 (Overall)				
Surface Printing:	BELDEN 9388 E34972 4PR18 SHIELDED (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) 278.885

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 147.645

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 19.227

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Ind. Pair Nominal Shield DC Resistance @ 20 31.170 Ohm/km Deg. C:

Max. Operating Voltage - UL:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9388 0601000	1,000 FT	143.000 LB	CHROME	С	4 PR #18 PVC SH PVC
9388 060500	500 FT	69.000 LB	CHROME	С	4 PR #18 PVC SH PVC
9388 0605000	5,000 FT	670.000 LB	CHROME	CZ	4 PR #18 PVC SH 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: 4 Revision Date: 05-17-2015

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