

For more Information
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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
4	18	19x30	TC - Tinned Copper

Total Number of Conductors: 8

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:

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

9388 Multi-Conductor - 300V Power-Limited Tray Cable

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 Programs

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
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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) CMG----FT4 IEEE 1202 (2 FT., 7 DIGIT SEQUENTIAL NUMBER) FEET
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)	0.59058
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Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)	278.885
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Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	147.645
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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	19.227
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METRIC MEASUREMENT VERSION

9388 Multi-Conductor - 300V Power-Limited Tray Cable

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

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	C	4 PR #18 PVC SH PVC
9388 060500	500 FT	69.000 LB	CHROME	C	4 PR #18 PVC SH PVC
9388 0605000	5,000 FT	670.000 LB	CHROME	C Z	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.

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