

## 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.

### 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

<b>Bulk Cable Weight:</b>	184.537 Kg/Km
<b>Max. Recommended Pulling Tension:</b>	462.613 N
<b>Min. Bend Radius/Minor Axis:</b>	116.840 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMG, ITC-ER, PLTC-ER
<b>CEC/C(UL) Specification:</b>	CMG
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	UL1685 Vertical Tray Flame Test
<b>CSA Flame Test:</b>	FT4
<b>IEEE Flame Test:</b>	1202

#### Suitability

<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Surface Printing (Overall)

<b>Surface Printing:</b>	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:

<b>Inductance (µH/m)</b>	0.59058
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#### Nom. Capacitance Conductor to Shield:

<b>Capacitance (pF/m)</b>	278.885
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#### Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/m)</b>	147.645
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#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>	19.227
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## 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.

Revision Number: 4      Revision Date: 05-17-2015

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