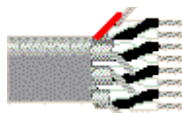


9389 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

**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
6	18	19x30	TC - Tinned Copper

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
20

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.053

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Direction
Left-hand Lay

Overall Nominal Diameter: 0.538 in.

Pair**Pair Color Code Chart:**

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

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5	Black & Red #5
6	Black & Red #6

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	179 lbs/1000 ft.
Max. Recommended Pulling Tension:	440 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.400 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG
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
ICEA Flame Test:	T-29-520

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)**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)

.18

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

112

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

61

Nom. Conductor DC Resistance:

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DCR @ 20°C (Ohm/1000 ft)

5.96

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 8.300 Ohm/1000 ft

Max. Operating Voltage - UL:**Voltage**

300 V RMS (PLTC

CMG)

150 V RMS (ITC)

Max. Recommended Current:**Current**

5.7 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9389 0602500	2,500 FT	490.000 LB	CHROME		6 FSPR #18 PVC PVC
9389 060500	500 FT	92.500 LB	CHROME	C	6 FSPR #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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