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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
2	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: 19x32

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	.042

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

Direction
Left-hand Lay

Overall Nominal Diameter: 0.378 in.

#### Pair

##### Pair Color Code Chart:

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

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	69 lbs/1000 ft.
Max. Recommended Pulling Tension:	125 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.750 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)

102

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

57

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.96

## 9368 Multi-Conductor - 300V Power-Limited Tray Cable

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
6.4 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
9368 0601000	1,000 FT	69.000 LB	CHROME	C	2 PR #18 PVC SH PVC
9368 0602500	2,500 FT	172.500 LB	CHROME		2 PR #18 PVC SH PVC
9368 060500	500 FT	37.500 LB	CHROME	C	2 PR #18 PVC SH PVC

#### Notes:

C = CRATE REEL PUT-UP.

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