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1-800-Belden1



### Description:

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	19x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Outer Jacket Ripcord: Yes

#### Overall Cable

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

Direction
Left-hand Lay

Overall Nominal Diameter: 0.230 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 27 lbs/1000 ft.

Max. Recommended Pulling Tension: 49 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: PLTC, ITC, CMG

CEC/C(UL) Specification: CMG

## 9409 Multi-Conductor - 300V Power-Limited Tray Cable

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

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.96

### Max. Operating Voltage - UL:

Voltage

300 V RMS (PLTC

CMG)

150 V RMS (ITC)

### Max. Recommended Current:

Current

9 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
9409 060U1000	1,000 FT	28.000 LB	CHROME		2 #18 PVC PVC
9409 060U500	500 FT	15.000 LB	CHROME		2 #18 PVC PVC
9409 0602500	2,500 FT	70.000 LB	CHROME		2 #18 PVC PVC

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