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1-800-Belden1



### General 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

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

##### Insulation Color Code Chart:

Number	Color
1	Black & Red

#### 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 Nominal Diameter: 0.230 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 27 lbs/1000 ft.

Max. Recommended Pulling Tension: 26 lbs.

Min. Bend Radius/Minor Axis: 2.300 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

CEC/C(UL) Specification: CMG

AWM Specification: UL Style 2464 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II): Yes

## 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 UL Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## 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	Description
300 V RMS	PLTC, CMG
150 V RMS	ITC

## 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	Z	2 #18 PVC PVC
9409 0605000	5,000 FT	135.000 LB	CHROME	C Z	2 #18 PVC 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: 2    Revision Date: 07-30-2013

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