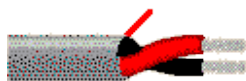


## 9407 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### Description:

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	7x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PVC - Polyvinyl Chloride	0.432	1.575

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.940

Outer Jacket Ripcord: Yes

### Overall Cabling

Overall Nominal Diameter: 5.029 mm

### Pair

#### Pair Color Code Chart:

Number	Color
1	Black & Red

#### Pair Lay Length & Direction:

Lay Length (mm)	Twists/ft. (twist/m)
50.7998	19.686

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 24.853 Kg/Km

Max. Recommended Pulling Tension: 84.516 N

Min. Bend Radius (Install)/Minor Axis: 50.800 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

## 9407 Multi-Conductor - 300V Power-Limited Tray Cable

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

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	No
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)  
90

### Nom. Inductance:

Inductance (µH/m)  
0.68901

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
85.306

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
49.215

### Max. Operating Voltage - UL:

Voltage  
300 V RMS

### Max. Recommended Current:

Current  
5.8 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
9407 060U1000	305 MT	8.618 KG	CHROME		2 #22 PVC PVC

## METRIC MEASUREMENT VERSION

### 9407 Multi-Conductor - 300V Power-Limited Tray Cable

9407 060U500	152 MT	4.536 KG	CHROME		2 #22 PVC PVC
9407 0602500	762 MT	21.546 KG	CHROME		2 #22 PVC PVC

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