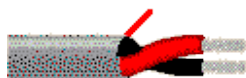


## 9411 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1



### Description:

14 AWG pairs stranded (42x30) tinned copper conductors, twisted pairs, unshielded, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	14	42x30	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 (mm)
PVC - Polyvinyl Chloride	1.0668

Outer Jacket Ripcord: Yes

#### Overall Cabling

Overall Nominal Diameter: 8.179 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 83.339 Kg/Km

Max. Recommended Pulling Tension: 551.577 N

Min. Bend Radius (Install)/Minor Axis: 81.280 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CL3R, ITC, PLTC

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

## 9411 Multi-Conductor - 300V Power-Limited Tray Cable

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:	UL1666 Riser
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. Inductance:

Inductance (µH/m)
0.59058

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
88.587

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
8.5306

### Max. Operating Voltage - UL:

Voltage
300 V RMS

### Max. Recommended Current:

Current
13 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
9411 060U500	152 MT	13.608 KG	CHROME		2 #14 PVC PVC
9411 0601000	305 MT	29.030 KG	CHROME	C	2 #14 PVC PVC
9411 0602500	762 MT	69.173 KG	CHROME		2 #14 PVC PVC

### Notes:

C = CRATE REEL PUT-UP.

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## **9411 Multi-Conductor - 300V Power-Limited Tray Cable**

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.