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please call

1-800-Belden1



### Description:

20 AWG pairs stranded (19x32) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 20  | 19x32     | TC - Tinned Copper |

#### Insulation

##### Insulation Material:

| Insulation Material      | Dia. (in.) |
|--------------------------|------------|
| PVC - Polyvinyl Chloride | .068       |

#### 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: 0.214 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: 23 lbs/1000 ft.

Max. Recommended Pulling Tension: 31 lbs.

Min. Bend Radius (Install)/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

CEC/C(UL) Specification: CMG

## 9408 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

Suitability - Burial: Yes

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/ft)

.19

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

55

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9.5

### Max. Operating Voltage - UL:

Voltage

300 V RMS (PLTC)

CMG)

150 V RMS (ITC)

### Max. Recommended Current:

Current

7.6 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

## 9408 Multi-Conductor - 300V Power-Limited Tray Cable

| Item #        | Putup    | Ship Weight | Color  | Notes | Item Desc     |
|---------------|----------|-------------|--------|-------|---------------|
| 9408 060U1000 | 1,000 FT | 23.000 LB   | CHROME |       | 2 #20 PVC PVC |
| 9408 060U500  | 500 FT   | 12.000 LB   | CHROME |       | 2 #20 PVC PVC |
| 9408 0602500  | 2,500 FT | 57.500 LB   | CHROME |       | 2 #20 PVC PVC |

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