

## 9513 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, overall Beldfoil® shield (100% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 3       | 22  | 7x30      | TC - Tinned Copper |

Total Number of Conductors: 6

#### Insulation

##### Insulation Material:

| Insulation Material                          | Dia. (in.) |
|--|------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride | .062       |

#### Outer Shield

##### Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

##### Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 22  | 7x30      | TC - Tinned Copper            |

#### Outer Jacket

##### Outer Jacket Material:

| Outer Jacket Material                        | Nom. Wall Thickness (in.) |
|--|---------------------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride | .042                      |

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.324 in.

#### Pair

##### Pair Color Code Chart:

| Number | Color                    |
|--------|--------------------------|
| 1      | Black & Red and Numbered |
| 2      | Black & Red and Numbered |
| 3      | Black & Red and Numbered |

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 48 lbs/1000 ft.

Max. Recommended Pulling Tension: 63 lbs.

Min. Bend Radius/Minor Axis: 3.300 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |                |
|---------------------------------------|----------------|
| NEC/(UL) Specification:               | PLTC, ITC, CMG |
| CEC/C(UL) Specification:              | CMG            |
| 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)

.21

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

45

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

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**Current**

3.4 Amps per conductor @ 25°C

### Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color  | Notes | Item Desc           |
|--------------|----------|-------------|--------|-------|---------------------|
| 9513 0601000 | 1,000 FT | 51.000 LB   | CHROME | C     | 3 PR #22 PVC FS PVC |
| 9513 0602500 | 2,500 FT | 125.000 LB  | CHROME |       | 3 PR #22 PVC FS PVC |
| 9513 060500  | 500 FT   | 26.500 LB   | CHROME | C     | 3 PR #22 PVC FS PVC |

**Notes:**

C = CRATE REEL PUT-UP.

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#### Как с нами связаться

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