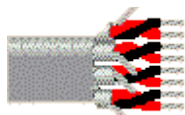


## 9392 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC insulation, individually shielded (100% coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 15      | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors: 30

**Insulation**

Insulation Material:

| Insulation Material      |
|--------------------------|
| PVC - Polyvinyl Chloride |

**Inner Shield**

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

| AWG |
|-----|
| 20  |

Inner Shield Drain Wire Stranding: 19x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Outer Shield**

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded            |

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.6256                   |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Lay Length & Direction:

| Direction     |
|---------------|
| Left-hand Lay |

Overall Nominal Diameter: 20.396 mm

**Pair**

Pair Color Code Chart:

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

## 9392 Multi-Conductor - 300V Power-Limited Tray Cable

|    |                             |
|----|-----------------------------|
| 4  | Black & Red and Numbered 4  |
| 5  | Black & Red and Numbered 5  |
| 6  | Black & Red and Numbered 6  |
| 7  | Black & Red and Numbered 7  |
| 8  | Black & Red and Numbered 8  |
| 9  | Black & Red and Numbered 9  |
| 10 | Black & Red and Numbered 10 |
| 11 | Black & Red and Numbered 11 |
| 12 | Black & Red and Numbered 12 |
| 13 | Black & Red and Numbered 13 |
| 14 | Black & Red and Numbered 14 |
| 15 | Black & Red and Numbered 15 |

**Mechanical Characteristics (Overall)**

|                                   |                 |
|-----------------------------------|-----------------|
| Operating Temperature Range:      | -30°C To +105°C |
| UL Temperature Rating:            | 105°C           |
| Bulk Cable Weight:                | 604.953 Kg/Km   |
| Max. Recommended Pulling Tension: | 4893.020 N      |
| Min. Bend Radius/Minor Axis:      | 203.200 mm      |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |                      |
|---------------------------------------|----------------------|
| NEC/(UL) Specification:               | CMG, ITC-ER, PLTC-ER |
| CEC/C(UL) Specification:              | CMG                  |
| EU Directive 2011/65/EU (ROHS II):    | Yes                  |
| 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               |

**Suitability**

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

**Plenum/Non-Plenum**

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

**Surface Printing (Overall)**

|                   |  |
|-------------------|--|
| Surface Printing: | BELDEN 9392 E34972 15PR18 SHIELDED (UL) CMG 105C OR PLTC OR ITC<br>SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG----FT4<br>IEEE1202 *2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET |
|-------------------|--|

## Electrical Characteristics (Overall)

## Nom. Inductance:

| Inductance (μH/m) |
|-------------------|
| 0.59058           |

## Nom. Capacitance Conductor to Shield:

| Capacitance (pF/m) |
|--------------------|
| 367.472            |

## Nom. Capacitance Conductor to Conductor:

| Capacitance (pF/m) |
|--------------------|
| 200.141            |

## Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 19.5548             |

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 27.232 Ohm/km

## Max. Operating Voltage - UL:

| Voltage          |
|------------------|
| 300 V RMS (PLTC) |
| CMG)             |
| 150 V RMS (ITC)  |

## Max. Recommended Current:

| Current                       |
|-------------------------------|
| 4.1 Amps per conductor @ 25°C |

## Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color  | Notes | Item Desc              |
|--------------|----------|-------------|--------|-------|------------------------|
| 9392 0601000 | 1,000 FT | 410.000 LB  | CHROME | C     | 15 PR #18 PVC SHLD PVC |
| 9392 060500  | 500 FT   | 200.000 LB  | CHROME | C     | 15 PR #18 PVC SHLD PVC |

## Notes:

C = CRATE REEL PUT-UP.

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