

## 9341 Multi-Conductor - 600V Tray Cable



For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG pairs stranded (19x30) tinned copper conductors, twisted pairs, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 18  | 19x30     | TC - Tinned Copper |

Total Number of Conductors: 2

**Insulation****Insulation Material:**

| Insulation Material                  |
|--------------------------------------|
| PVC/Nylon - Polyvinyl Chloride/Nylon |

**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 |
|-----|-----------|-------------------------------|
| 18  | 19x30     | TC - Tinned Copper            |

**Outer Jacket****Outer Jacket Material:**

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.047                     |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.274 in.

**Pair****Pair Color Code Chart:**

| Number | Color       |
|--------|-------------|
| 1      | Black & Red |

**Mechanical Characteristics (Overall)**

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 44 lbs/1000 ft.

Max. Recommended Pulling Tension: 26 lbs.

Min. Bend Radius/Minor Axis: 2.750 in.

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

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|                                       |                         |
|---------------------------------------|-------------------------|
| NEC/(UL) Specification:               | NPLF, TC                |
| 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                     |
| Other Specification:                  | ICEA S-73-532, S-61-402 |

**Flame Test**

|                   |                   |
|-------------------|-------------------|
| UL Flame Test:    | UL1685 UL Loading |
| C(UL) Flame Test: | FT4               |
| IEEE Flame Test:  | 1202              |

**Suitability**

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

**Plenum/Non-Plenum**

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

**Electrical Characteristics (Overall)****Nom. Inductance:**

|                    |
|--------------------|
| Inductance (μH/ft) |
| .19                |

**Nom. Capacitance Conductor to Conductor:**

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 43                  |

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

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 74                  |

**Nom. Conductor DC Resistance:**

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 5.860                    |

**Nominal Outer Shield DC Resistance:**

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 5.860                    |

**Max. Operating Voltage - UL:**

|                         |
|-------------------------|
| Voltage                 |
| 600 V RMS (NEC Type TC) |
| 150 V RMS (NPLF)        |

**Max. Recommended Current:**

|                             |
|-----------------------------|
| Current                     |
| 6 Amps per conductor @ 30°C |

**Notes (Overall)**

**Notes:** Alternate color coding available upon request.

**Put Ups and Colors:**

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

**9341 Multi-Conductor - 600V Tray Cable**

|              |          |            |       |   |                        |
|--------------|----------|------------|-------|---|------------------------|
| 9341 0101000 | 1,000 FT | 43.000 LB  | BLACK | C | 2 #18 PVC/NYL SHLD PVC |
| 9341 010500  | 500 FT   | 21.500 LB  | BLACK | C | 2 #18 PVC/NYL SHLD PVC |
| 9341 0105000 | 5,000 FT | 235.000 LB | BLACK |   | 2 #18 PVC/NYL SHLD PVC |

**Notes:**

C = CRATE REEL PUT-UP.

**Test Reports****a) UL**

- i) UL Test Reports are available on-line through the UL Client Document Access web portal.
- ii) UL Inspection Reports are also available through the UL Client Document Access web portal.

**b) CSA**

- i) CSA "Descriptive Report and Test Results" documents are available on the CSA Gateway Portal.
- ii) CSA Inspection Reports are maintained on the CSA issued 'flash drive' at each manufacturing location.

\* other test data may be available if requested at time of order.

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