

For more Information
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1-800-Belden1



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 (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.194 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 6.960 mm

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: 65.481 Kg/Km

Max. Recommended Pulling Tension: 115.653 N

Min. Bend Radius/Minor Axis: 69.850 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|-------------------------|
| 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/m) | 0.62339 |
|-------------------|---------|

Nom. Capacitance Conductor to Conductor:

| | |
|--------------------|---------|
| Capacitance (pF/m) | 141.083 |
|--------------------|---------|

Nom. Capacitance Cond. to Other Conductor & Shield:

| | |
|--------------------|---------|
| Capacitance (pF/m) | 242.794 |
|--------------------|---------|

Nom. Conductor DC Resistance:

| | |
|---------------------|--------|
| DCR @ 20°C (Ohm/km) | 19.227 |
|---------------------|--------|

Nominal Outer Shield DC Resistance:

| | |
|---------------------|--------|
| DCR @ 20°C (Ohm/km) | 19.227 |
|---------------------|--------|

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 | 305 MT | 19.505 KG | BLACK | C | 2 #18 PVC/NYL SHLD PVC |
| 9341 010500 | 152 MT | 9.752 KG | BLACK | C | 2 #18 PVC/NYL SHLD PVC |
| 9341 0105000 | 1,524 MT | 106.595 KG | BLACK | | 2 #18 PVC/NYL SHLD PVC |

Notes:

C = CRATE REEL PUT-UP.

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