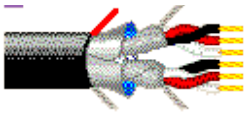


3130A Triad - 600V Tray Cable

For more Information
please call

1-800-Belden1



Description:

16 AWG triads stranded (7x24) bare copper conductors, twisted triads, individually shielded plus an overall Beldfoil shield (100% coverage), PVC/Nylon insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Triads | AWG | Stranding | Conductor Material |
|----------|-----|-----------|--------------------|
| 36 | 16 | 7x24 | BC - Bare Copper |

Insulation

Insulation Material:

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

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 |
|-----|
| 18 |

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Shield Color Code Chart:

| Number | Color |
|--------|-------------------------------------|
| 1 | Black & White & Red and Numbered 1 |
| 2 | Black & White & Red and Numbered 2 |
| 3 | Black & White & Red and Numbered 3 |
| 4 | Black & White & Red and Numbered 4 |
| 5 | Black & White & Red and Numbered 5 |
| 6 | Black & White & Red and Numbered 6 |
| 7 | Black & White & Red and Numbered 7 |
| 8 | Black & White & Red and Numbered 8 |
| 9 | Black & White & Red and Numbered 9 |
| 10 | Black & White & Red and Numbered 10 |
| 11 | Black & White & Red and Numbered 11 |
| 12 | Black & White & Red and Numbered 12 |
| 13 | Black & White & Red and Numbered 13 |
| 14 | Black & White & Red and Numbered 14 |
| 15 | Black & White & Red and Numbered 15 |
| 16 | Black & White & Red and Numbered 16 |
| 17 | Black & White & Red and Numbered 17 |
| 18 | Black & White & Red and Numbered 18 |
| 19 | Black & White & Red and Numbered 19 |
| 20 | Black & White & Red and Numbered 20 |
| 21 | Black & White & Red and Numbered 21 |
| 22 | Black & White & Red and Numbered 22 |

| | |
|----|-------------------------------------|
| 23 | Black & White & Red and Numbered 23 |
| 24 | Black & White & Red and Numbered 24 |
| 25 | Black & White & Red and Numbered 25 |
| 26 | Black & White & Red and Numbered 26 |
| 27 | Black & White & Red and Numbered 27 |
| 28 | Black & White & Red and Numbered 28 |
| 29 | Black & White & Red and Numbered 29 |
| 30 | Black & White & Red and Numbered 30 |
| 31 | Black & White & Red and Numbered 31 |
| 32 | Black & White & Red and Numbered 32 |
| 33 | Black & White & Red and Numbered 33 |
| 34 | Black & White & Red and Numbered 34 |
| 35 | Black & White & Red and Numbered 35 |
| 36 | Black & White & Red and Numbered 36 |

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 |
|---------------|-------------------------------|
| 16 7x24 | TC - Tinned Copper |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .110 |

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

| Length (in.) |
|--------------|
| 18.400 |

Overall Nominal Diameter: 1.773 in.

Pair**Pair Lay Length & Direction:**

| Lay Length (in.) | Twists/ft. (twist/ft) |
|------------------|-----------------------|
| 3.000 | 4.000 |

Mechanical Characteristics (Overall)

| | |
|--|-------------------|
| Wet Temperature Range: | -30°C To +75°C |
| Dry Temperature Range: | -30°C To +90°C |
| Bulk Cable Weight: | 1839 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 3600 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 18 in. |

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

| | |
|---------------------------------------|------------|
| 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 |

3130A Triad - 600V Tray Cable

| | |
|-----------------------------------|-------------------------|
| 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 |
| CSA 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 |
|---------------|----|

Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 3.67 |

Nom. Inner Shield DC Resistance:

| Description | DCR @ 20°C (Ohm/1000 ft) |
|-------------|--------------------------|
| | 4.99 |

Nominal Outer Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 2.74 |

Max. Operating Voltage - UL:

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

Notes (Overall)

Notes: Alternate color coding available upon request.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

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

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3130A Triad - 600V Tray Cable

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