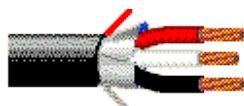


3089A Triad - 600V Tray Cable

For more Information
please call

1-800-Belden1

**Description:**

18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

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

| # Triads | AWG | Stranding | Conductor Material |
|----------|-----|-----------|--------------------|
| 1 | 18 | 7x26 | BC - Bare Copper |

Total Number of Conductors: 3

Insulation**Insulation Material:**

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

Inner Shield**Inner Shield Color Code Chart:**

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

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 |
|-----|-----------|-------------------------------|
| 20 | 7x28 | TC - Tinned Copper |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.2192 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 7.214 mm

Pair**Pair Lay Length & Direction:**

| Lay Length (mm) | Twists (twist/m) |
|-----------------|------------------|
| 57.15 | 17.389 |

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 66.374 Kg/Km

Max. Recommended Pulling Tension: 400.338 N

| | |
|------------------------------|-----------|
| Min. Bend Radius/Minor Axis: | 69.850 mm |
|------------------------------|-----------|

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|-------------------------|
| 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) |
| 0.652919 |

Nom. Capacitance Conductor to Shield:

| |
|--------------------|
| Capacitance (pF/m) |
| 276.26 |

Nom. Mutual Capacitance:

| |
|--------------------|
| Capacitance (pF/m) |
| 155.191 |

Nom. Conductor DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 19.2267 |

Nominal Outer Shield DC Resistance:

| |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 24.4763 |

Max. Operating Voltage - UL:

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

Notes (Overall)

Notes: Alternate color coding available upon request.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------|-------|----------------------|
| 3089A 01010000 | 3,048 MT | 244.941 KG | BLACK | | 3 #18 PVC/NYL FS PVC |

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