

## 1034A Triad - 300V Power-Limited Tray Cable



For more Information  
please call

1-800-Belden1

**Description:**

16 AWG triads stranded (7x24) bare copper conductors, twisted triads, unshielded, PVC insulation, PVC jacket.

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

AWG:

| # Triads | AWG | Stranding | Conductor Material |
|----------|-----|-----------|--------------------|
| 1        | 16  | 7x24      | BC - Bare Copper   |

**Insulation**

Insulation Material:

| Insulation Material                          |
|----------------------------------------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride |

**Inner Shield**

Inner Shield Color Code Chart:

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

**Outer Shield**

Outer Shield Material:

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

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material                        | Nom. Wall Thickness (in.) |
|----------------------------------------------|---------------------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride | .037                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.268 in.

**Pair**

Pair Lay Length & Direction:

| Twists/ft. (twist/ft) |
|-----------------------|
| 6                     |

**Mechanical Characteristics (Overall)**

|                                        |                     |
|----------------------------------------|---------------------|
| Operating Temperature Range:           | -30°C To +105°C     |
| Bulk Cable Weight:                     | 49.300 lbs/1000 ft. |
| Max. Recommended Pulling Tension:      | 107 lbs.            |
| Min. Bend Radius (Install)/Minor Axis: | 2.700 in.           |

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

NEC/(UL) Specification: PLTC, ITC, CMG

## 1034A Triad - 300V Power-Limited Tray Cable

CEC/C(UL) Specification: CMG

AWM Specification: UL Style 2464 (300 V 105°C)

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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

IEEE Flame Test: 1202

ICEA Flame Test: T-29-520

## Suitability

Sunlight Resistance: Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.7

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## 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     |
|---------------|----------|-------------|-------|-------|---------------|
| 1034A 0101000 | 1,000 FT | 51.000 LB   | BLACK | C     | 3 #16 PVC PVC |
| 1034A 0104000 | 4,000 FT | 208.000 LB  | BLACK | C Z   | 3 #16 PVC PVC |
| 1034A 0105000 | 5,000 FT | 255.000 LB  | BLACK |       | 3 #16 PVC PVC |

## Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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