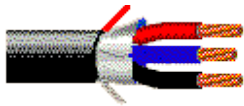


For more Information  
please call

1-800-Belden1



## General Description:

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

## Physical Characteristics (Overall)

### Conductor

#### AWG:

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

Total Number of Conductors: 3

### 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 & Red & Blue |

### Outer Shield

#### Outer Shield Material:

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

### Outer Jacket

#### Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 1.1938                   |

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 7.874 mm

## Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 99.709 Kg/Km

|                                   |           |
|-----------------------------------|-----------|
| Max. Recommended Pulling Tension: | 573.818 N |
| Min. Bend Radius/Minor Axis:      | 78.740 mm |

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |                         |
|---------------------------------------|-------------------------|
| NEC/(UL) Specification:               | TC, NPLF, UL 1277       |
| EU Directive 2011/65/EU (ROHS II):    | Yes                     |
| 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 |
| CSA Flame Test:  | FT4               |
| IEEE Flame Test: | 1202              |
| ICEA Flame Test: | T-29-520          |

### 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/km) |
| 12.0413             |

### Nominal Outer Shield DC Resistance:

|                     |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 16.3722             |

### 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            |
|---------------|--------|-------------|-------|-------|----------------------|
| 1119A 0101000 | 305 MT | 30.844 KG   | BLACK | C Z   | 3 #16 PVC/NYL FS PVC |

## METRIC MEASUREMENT VERSION

### 1119A Triad - 600V Tray Cable

|                |          |            |       |     |                      |
|----------------|----------|------------|-------|-----|----------------------|
| 1119A 01010000 | 3,048 MT | 317.516 KG | BLACK | C Z | 3 #16 PVC/NYL FS PVC |
| 1119A 010500   | 152 MT   | 15.876 KG  | BLACK | C Z | 3 #16 PVC/NYL FS 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.

Revision Number: 1    Revision Date: 12-19-2012

© 2013 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.