



**Part Number:** 9953

Audio/Control/Communication/Instrumentation, (3) 16 AWG (19x29) TC, PVC-NYL/PVC, TC Braid Shld

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## Product Description

Three 16 AWG stranded (19x29) tinned copper conductors, PVC-Nylon insulation, tinned copper braid shield (90% coverage), PVC jacket.

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## Product Specifications

### AG.Filter Attributes

|                             |   |
|-----------------------------|---|
| Total Number of Conductors: | 3 |
|-----------------------------|---|

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## Technical Specifications

### APAC Standard

|                             |     |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

### Applicable Patents

|         |   |
|---------|---|
| Patent: | <a href="http://www.belden.com/p">http://www.belden.com/p</a> |
|---------|---|

### Bend Radius

|                             |         |
|-----------------------------|---------|
| Min Bend Radius/Minor Axis: | 2.75 in |
|-----------------------------|---------|

### CCB-Sub-Part Number

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Contact Information

|            |               |
|------------|---------------|
| PHONE_NUM: | 1-800-Belden1 |
|------------|---------------|

## EU Directive

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01                    |

## North American Standard

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | Yes                                   |
| Military Specification:           | MIL-W-16878E/17 (insulated conductor) |
| Other Specification:              | NEMA HP3                              |

## Use

|                                  |          |
|----------------------------------|----------|
| Max Recommended Pulling Tension: | 91.2 lbs |
|----------------------------------|----------|

### Inductance:

#### Nominal Inductance

0.116  $\mu$ H/ft

### Conductor DCR:

#### Nominal Conductor DCR

#### Nominal Outer Shield DCR

4.4 Ohm/1000ft

5.1 Ohm/1000ft

### Color Chart 1:

| Number | Color |
|--------|-------|
| 1      | White |
| 2      | Black |
| 3      | Red   |

### Voltage:

#### Non-UL Voltage Rating

600 V RMS

### Current:

#### Max. Recommended Current [A]

6.5 Amps per conductor @ 25°C A

## Capacitance:

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 58 pF/ft                                | 101 pF/ft   |

## Insulation:

| Layer | Material                 | Nominal Wall Thickness |
|-------|--------------------------|------------------------|
| 1     | PVC - Polyvinyl Chloride | 0.012 in               |
| 2     | Nylon                    | 0.004 in               |

## Outerjacket 1:

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride |                  | 0.264 in<br>0.025 in   |

## Conductor:

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 16  | 19x29     | TC - Tinned Copper | 3                 |

## Outershield 1:

| Type  | Material           | Coverage [%] |
|-------|--------------------|--------------|
| Braid | TC - Tinned Copper | 90 %         |

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

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