



**Part Number:** 9954

Audio/Control/Communication/Instrumentation, (4) 16 AWG  
(19x29) TC, PVC-NYL/PVC, TC Braid Shld

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## Product Description

Four 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: | 4 |
|-----------------------------|---|

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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: | 3 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: | 121.6 lbs |
|----------------------------------|-----------|

Inductance:

| Nominal Inductance |
|--------------------|
| 0.108 $\mu$ H/ft   |

Conductor DCR:

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|-----------------------|--------------------------|
| 4.4 Ohm/1000ft        | 4.4 Ohm/1000ft           |

Color Chart 1:

| Number | Color |
|--------|-------|
| 1      | White |
| 2      | Black |
| 3      | Red   |
| 4      | Green |

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**

49 pF/ft

94 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

0.291 in

0.027 in

**Conductor:****AWG Stranding Material No. of Conductors**

16 19x29

TC - Tinned Copper

4

**Outershield 1:****Type Material Coverage [%]**

Braid TC - Tinned Copper

90 %

**Product Variants**

| Part Number  | Color | Put-Up Type | Length |
|--------------|-------|-------------|--------|
| 9954         |       |             |        |
| 9954         | WHITE | Reel        | 305 m  |
| 9954 0091000 |       |             |        |
| 9954         |       |             |        |
| 9954         | WHITE | Reel        | 30 m   |
| 9954 009100  |       |             |        |
| 9954         |       |             |        |
| 9954         | WHITE | Reel        | 152 m  |
| 9954 009500  |       |             |        |
| 9954         |       |             |        |

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