



## Broadband Coax - RG58 Tinned Copper Braid Shield



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

#### Non-Plenum Rated

1. **Conductor:** Bare copper or copper clad steel
2. **Insulation:** Polyethylene
3. **Shield:** Copper braid shielded
4. **Jacket:** Polyvinyl Chloride PVC.

#### Plenum Rated

1. **Conductor:** Bare copper or copper clad steel
2. **Insulation:** Foamed Fluoropolymer
3. **Shield:** Aluminum foil and braid shielded
4. **Jacket:** Low smoke Polyvinyl Chloride PVC. Polyethylene for outdoors

### APPLICATIONS AND FEATURES:

- CATV Applications for distributing television signals
- ALUMINUM BRAID CCTV Applications for surveillance
- Connecting security cameras, DVR or monitor using "BNC" connectors
- COPPER BRAID
- 50 Ohms Impedance

### SAMPLE PRINT LEGEND:

{SQFTG} SOUTHWIRE® SIGNAL® 991043 RG58/U XX AWG (ETL)US CL2 OR CATV 60°C

{SQFTG} SOUTHWIRE® SIGNAL® 921021 XX AWG RG 58 A/U TYPE CMP/CL2P C(ETL)US CMP FT6 IEEE 802.3



**Table 1 – Physical and Electrical Data**

| Stock Number | Cable Type | Rating              | Cond. Size | Cond. Number | Cond. Type | Cond. Strands | Insul. Thickness | Jacket Thickness | Approx. OD | Approx. Weight | Shield Type               | Application      |
|--------------|------------|---------------------|------------|--------------|------------|---------------|------------------|------------------|------------|----------------|---------------------------|------------------|
|              |            |                     | AWG        | No.          |            | strands       | mil              | mil              | inch       | lb /1000ft     |                           |                  |
| RG58         |            |                     |            |              |            |               |                  |                  |            |                |                           |                  |
| 991045       | RG58       | CL2 60C/<br>UL-1581 | 21         | 1            | STC        | Solid         | 40               | 30               | 0.200      | 28             | Tinned<br>Copper<br>Braid | COMM/AWM<br>1354 |

All dimensions are nominal and subject to normal manufacturing tolerances  
 ◇ Cable marked with this symbol is a standard stock item