



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 | | | | | | | | | | | | |
| 991039 | RG58 | 60C/ UL-1581 | 20 | 1 | BC | Solid | 40 | 30 | 0.194 | 23 | Copper Braid | COMM/AWM 1354 |
| 991049 | RG58 | CL2 60C/ UL-1581 | 20 | 1 | STC | Solid | 40 | 30 | 0.198 | 27 | Tinned Copper Braid | COMM/AWM 1354 |
| 991043 | RG58 | CL2 60C/ UL-1581 | 20 | 1 | BC | Solid | 40 | 30 | 0.199 | 27 | Tinned Copper Braid | COMM |
| 991041 | RG58 | CL2 60C/ UL-1581 | 20 | 1 | BC | Solid | 40 | 30 | 0.199 | 27 | Tinned Copper Braid | COMM/AWM 1354 |
| 991045 | RG58 | CL2 60C/ UL-1581 | 21 | 1 | STC | Solid | 40 | 30 | 0.200 | 28 | Tinned Copper Braid | COMM/AWM 1354 |
| 991047 | RG58 | CL2X 75C/ UL-1581 | 21 | 1 | STC | Solid | 40 | 30 | 0.194 | 25 | Tinned Copper Braid | COMM/AWM 1354 |
| 921021 | RG58 | CMP/CL2P/ UL 910 | 20 | 1 | STC | Solid | 40 | 30 | 0.169 | 22 | Tinned Copper Braid | COMM/FT6 |

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