

# RG 11/U Type

**Product Construction:**

**Conductor:**

- Stranded or solid copper per ASTM B3
- Copper-clad steel per ASTM B869

**Insulation/Core:**

- Foam polyethylene (PE)
- Foam fluoropolymer (FEP)

**Shield:**

- Bare copper or aluminum braid
- Flexfoil® shield

**Jacket:**



- Premium fluoropolymer (PVDF) compound or premium polyethylene (PE) compound

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Suitable for RF signal transmission
- Broadcast/digital video
- MATV
- CATV
- Drop cable
- HDTV
- Direct burial

| CATALOG NUMBER   | AWG SIZE<br>NOM. DCR                                    | INSULATION MATERIAL |      | SHIELD COVERAGE<br>NOM SHLD DCR   | NOMINAL O.D. |       | NOMINAL CAPACITANCE |      | VELOCITY OF PROPAGATION,<br>% | NOMINAL IMPEDANCE,<br>Ω  | NOMINAL ATTENUATION  |         |
|--|---|---------------------|------|---|--------------|-------|---------------------|------|-------------------------------|--|--|---------|
|  |   | in                  | mm   |   | in           | mm    | pF/ft               | pF/m |                               |  | MHz  | dB/100' |
| <b>C3529</b><br>RG 11/U Type<br>Quad-Shield<br>Plenum<br>UL CL2P, CMP<br>c(UL) CMP<br>CATVP<br> | 14 Ga.<br>Solid<br>Copper-<br>Clad Steel<br>11.4 Ω/Mft. | Fluoropolymer       |      | (2) 100%<br>Flexfoil®<br>(1) 60%<br>(2) 40%<br>Aluminum<br>Braids<br>3.4 Ω/Mft.   | PVDF         |       | 16.00<br>52.50      | 82   | 75                            | 1<br>10<br>50<br>100<br>200<br>500<br>1000<br>1450<br>1800<br>2200 | 0.15<br>0.47<br>1.09<br>1.49<br>2.35<br>3.94<br>6.19<br>7.45<br>8.30<br>9.18 |         |
|  |   | 0.280               | 7.11 |   | 0.372        | 9.45  |                     |      |                               |  |  |         |
| <b>C5043</b><br>RG 11/U Type<br>MoistureGuard™<br>Direct Burial, Flooded<br>                  | 14 Ga.<br>Solid<br>Copper-<br>Clad Steel<br>11.4 Ω/Mft. | Foam PE             |      | 100% Flexfoil®<br>Bonded<br>+60%<br>Aluminum Braid<br>w/water block<br>5.3 Ω/Mft. | Black PE     |       | 16.20<br>53.15      | 85   | 75                            | 1<br>10<br>50<br>100<br>200<br>500<br>1000                         | 0.30<br>0.70<br>0.90<br>1.30<br>1.90<br>3.00<br>4.40                         |         |
|  |   | 0.280               | 7.11 |   | 0.395        | 10.03 |                     |      |                               |  |  |         |

Data subject to change.

