

# RG 62/U Type

## Product Construction:

### Conductors:

- Copper-clad steel per ASTM B-869

### Insulation/Core:

- Semi-solid polyethylene (PE) design
- Foam fluoropolymer (FEP) design

### Shield:

- Bare copper braid

### Jacket:

- Premium PVC compound

### Packaging:

- Please contact Customer Service for packaging and color options

## Applications:

- Suitable for RF signal transmission
- Computer/networks
- See Coax Connector Cross Reference, pages 192-199

| CATALOG<br>NUMBER                                                                                                                                                                                                               | AWG<br>SIZE<br>NOM. DCR                                        | INSULATION<br>MATERIAL |      | SHIELD<br>COVERAGE<br>NOM SHLD DCR             | NOMINAL<br>O.D.                |      | NOMINAL<br>CAPACITANCE |       | VELOCITY OF<br>PROPAGATION,<br>% | NOMINAL<br>IMPEDANCE,<br>$\Omega$ | NOMINAL<br>ATTENUATION |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------|------|------------------------------------------------|--------------------------------|------|------------------------|-------|----------------------------------|-----------------------------------|------------------------|---------|
|                                                                                                                                                                                                                                 |                                                                | INCHES                 | mm   |                                                | INCHES                         | mm   | pF/ft                  | pF/m  |                                  |                                   | MHz                    | dB/100' |
| <b>C1162</b><br><b>RG 62A/U Type</b><br><b>MIL-C-17G Type</b><br> <b>1354</b>                                                                  | 22 Ga.<br>Solid<br>Copper-Clad<br>Steel<br>73.4 $\Omega$ /Mft. | Semi-Solid PE          |      | 95% Bare<br>Copper Braid<br>2.6 $\Omega$ /Mft. | Non-Contaminating<br>Black PVC |      | 13.60                  | 44.62 | 84                               | 93                                | 1                      | 0.38    |
|                                                                                                                                                                                                                                 |                                                                | 0.146                  | 3.71 |                                                | 0.242                          | 6.15 |                        |       |                                  |                                   | 10                     | 0.85    |
| <b>C1164</b><br><b>RG 62/U Type</b><br><b>Computer Cable</b><br><b>JAN-C-17A Type</b><br><b>UL CL2, CM</b><br><b>CSA CMG</b><br> <b>1354</b> | 22 Ga.<br>Solid<br>Copper-Clad<br>Steel<br>73.4 $\Omega$ /Mft. | Semi-Solid PE          |      | 95% Bare<br>Copper Braid<br>2.6 $\Omega$ /Mft. | Black PVC                      |      | 13.60                  | 44.62 | 84                               | 93                                | 1                      | 0.38    |
|                                                                                                                                                                                                                                 |                                                                | 0.146                  | 3.66 |                                                | 0.242                          | 6.15 |                        |       |                                  |                                   | 10                     | 0.85    |
| <b>C3520</b><br><b>RG 62/U Type</b><br><b>Plenum</b><br><b>UL CL2P, CMP</b><br><b>c(UL) CMP</b><br>                                          | 22 Ga.<br>Solid<br>Copper-Clad<br>Steel<br>54.7 $\Omega$ /Mft. | Fluoropolymer          |      | 95% Bare<br>Copper Braid<br>1.9 $\Omega$ /Mft. | Flexguard® PVC<br>Natural      |      | 13.00                  | 42.65 | 84                               | 93                                | 1                      | 0.30    |
|                                                                                                                                                                                                                                 |                                                                | 0.145                  | 3.56 |                                                | 0.201                          | 5.11 |                        |       |                                  |                                   | 10                     | 0.90    |
|                                                                                                                                                                                                                                 |                                                                |                        |      |                                                |                                |      |                        |       |                                  |                                   | 50                     | 1.90    |
|                                                                                                                                                                                                                                 |                                                                |                        |      |                                                |                                |      |                        |       |                                  |                                   | 100                    | 2.70    |
|                                                                                                                                                                                                                                 |                                                                |                        |      |                                                |                                |      |                        |       |                                  |                                   | 200                    | 3.80    |
|                                                                                                                                                                                                                                 |                                                                |                        |      |                                                |                                |      |                        |       |                                  |                                   | 500                    | 5.90    |
|                                                                                                                                                                                                                                 |                                                                |                        |      |                                                |                                |      |                        |       |                                  |                                   | 1000                   | 8.34    |