



| Part Number                     |                       | Item Number                    |   |
|---------------------------------|-----------------------|--------------------------------|---|
| <b>V0112001</b>                 |                       | RG11/U Coaxial Cable (Armored) |   |
| Conductor                       |                       | Insulation                     |   |
| <b>Composition (No./M)</b>      | 1.62 ± 0.008 mm       | Material                       | Gas-Injected Foam<br>Poly Ethylene        |
| <b>Material</b>                 | Bare Copper           | Thickness                      | 2.75 ± 0.05                               |
| <b>Outside Diameter (mm)</b>    | 1.62                  | Nominal Diameter (mm)          | (W/O Foil 7.24 ± 0.1) (W/Foil 7.64 ± 0.2) |
| <b>AWG (Stranding)</b>          | 14                    |                                |   |
| Outer Shield                    |                       | Inner Shield                   |   |
| <b>Material</b>                 | Tinned Copper         | Material                       | Aluminum Mylar Foil                       |
| <b>Construction</b>             | 24/8/0.16 ± 0.008mm   | Construction                   | DS-Foil                                   |
| <b>picks/inches</b>             | 8                     | Thickness                      | 0.05                                      |
| <b>Coverage</b>                 | 95%                   | Coverage                       | 100%                                      |
| Inner Jacket/Sheath             |                       | Outer Jacket/Sheath            |   |
| <b>Material</b>                 | PE                    | Material                       | PE  |
| <b>Diameter</b>                 | 10.30 ± 0.1           | Diameter                       | 1.32 Nom. Wall & 15.22<br>Nom. OD         |
| <b>Color</b>                    | Black                 | Color                          | Black                                     |
| <b>Printing</b>                 | -                     | Printing                       | See Below                                 |
| Armoring                        |                       | Nominal Capacity               |   |
| <b>Material</b>                 | Galvanized Steel Wire | pf/Ft                          | 16.0 ± 1                                  |
| <b>Construction</b>             | 32/5/0.32 ± 0.008mm   | pf/m                           | 52.4 ± 1                                  |
| <b>picks/inches</b>             | 6                     | -                              | -   |
| <b>Coverage</b>                 | 96%                   | -                              | -   |
| Nominal Velocity of Propagation |                       | Nom. Impedance                 |   |
| <b>82.00%</b>                   |                       | 75 ± 1                         |   |

| <b>Nominal Attenuation</b> |                |                |
|----------------------------|----------------|----------------|
| <b>Frequency (MHz)</b>     | <b>dB/100'</b> | <b>dB/100m</b> |
| <b>1</b>                   | 0.16           | 0.50           |
| <b>10</b>                  | 0.46           | 1.60           |
| <b>50</b>                  | 1.00           | 3.30           |
| <b>135</b>                 | 1.50           | 4.80           |
| <b>270</b>                 | 2.10           | 6.90           |
| <b>360</b>                 | 2.45           | 8.00           |
| <b>750</b>                 | 3.70           | 12.00          |
| <b>1000</b>                | 4.30           | 14.15          |
| <b>1500</b>                | 5.50           | 18.00          |
| <b>3000</b>                | 8.20           | 26.90          |

| <b>Electrical Properties</b> |             |          |
|------------------------------|-------------|----------|
| <b>Conductor Resistance</b>  | $\Omega/M'$ | 2.6      |
| <b>Dielectric Resistance</b> | $M\Omega/M$ | Min 5000 |
| <b>Spark Test</b>            | V AC        | 1750     |
| <b>Jacket Spark Test</b>     | V AC        |          |