



RG 12 A/U



| | Units | Nominal |
|--|-------------|------------------------|
| INNER CONDUCTOR | | |
| Material | - | tinned copper wire |
| Construction | - | 7 x 0.4 |
| Diameter | mm | 1.2 |
| DIELECTRIC | | |
| Material | - | solid polyethylene |
| Diameter | mm | 7.25 |
| OUTER CONDUCTOR | | |
| Material | - | copper wire |
| Construction | - | single braid |
| Overall diameter | mm | 7.8 |
| INNER SHEATH | | |
| Material | - | black PVC |
| Overall diameter | mm | 10.3 |
| ARMOR | | |
| Material | - | zinc-plated steel wire |
| Overall diameter | mm | 11.3 |
| OUTER SHEATH | | |
| Material | - | black PVC |
| Overall diameter | mm | 14.3 |
| ELECTRICAL CHARACTERISTICS | | |
| Characteristic impedance | Ω | 75 +/- 3 |
| Capacity | pF/m | 67 |
| Relative propagation velocity (velocity ratio) | % | 66 |
| DC-resistance of inner conductor | Ω/km | 20.5 |
| DC-resistance of outer conductor | Ω/km | 4.5 |
| Longitudinal attenuation at 20°C | | |
| a = | - | 0.567 |
| b = | - | 0.0055 |
| 5 MHz | dB/100m | 1.3 |
| 10 MHz | dB/100m | 1.9 |
| 30 MHz | dB/100m | 3.3 |
| 50 MHz | dB/100m | 4.3 |
| 100 MHz | dB/100m | 6.2 |
| 200 MHz | dB/100m | 9.1 |
| 300 MHz | dB/100m | 11.5 |
| 400 MHz | dB/100m | 13.5 |
| 470 MHz | dB/100m | 14.9 |
| 600 MHz | dB/100m | 17.2 |
| 800 MHz | dB/100m | 20.4 |
| 860 MHz | dB/100m | 21.4 |
| 1000 MHz | dB/100m | 23.4 |

MECHANICAL CHARACTERISTICS

Bending radius

- Minimum (1 x) cm 5

