



## RG174A/U

### Application

Coaxial cables are suitable for many applications including low power video, video signal, and broadband signals. They are also used in the high frequency transmission, specially for for transmitters and receivers, computers, radio and TV transmissions.

### Description

7/0.16mm Copper Covered Steel, Solid Polythene Insulation, Tinned Copper Wire Braid, Overall Sheathed in PVC.

### Standard Reel Lengths

Cut to length, 100m & 500m

| Mechanical Characteristics            |                               |
|---------------------------------------|-------------------------------|
| Construction:                         |                               |
| Inner Conductor:                      | 7/0.16mm copper Covered steel |
| Dielectric:                           | Solid Polyethylene Insulation |
| Screen 1:                             | Tinned Plated wire Braid      |
| Sheath:                               | PVC                           |
| Insulation Diameter:                  | 1.52mm (Nominal)              |
| Sheath Diameter:                      | 5.40mm (Nominal)              |
| Storage/Operating Temperature:        | -15°C to + 70°C               |
| Minimum Installation Temperature:     | -5°C                          |
| Electrical Characteristics            |                               |
| DC Resistance Inner Conductor @ 20°C: | ≤ 317 Ω/km @ 20°C             |
| Characteristic Impedance:             | 50 ± 3 Ohm                    |
| Capacitance:                          | 53pF/m (Nominal)              |
| Velocity Ratio:                       | 0.66                          |
| Attenuation (d/B 100m @ 20°C)         |                               |
| 50MHz                                 | < 21.3                        |
| 100MHz                                | <32.8                         |
| 400MHz                                | < 82.0                        |
| 10000MHz                              | < 147.6                       |