

RoHS  
Compliant



## Product Description:

|                    |   |
|--------------------|---|
| Application        | : For communication and signal control systems    |
| Reference Standard | : Customer's sample spec.and the general standard |
| Multi-construction | : 1   |

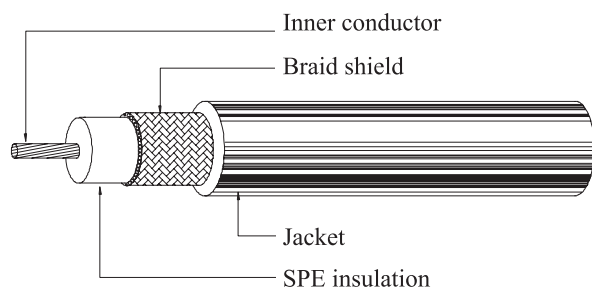
## Cable Construction:

|                          |   |
|--------------------------|---|
| Conductor                | : Copper Clad Steel                                       |
| Conductivity             | : 40%   |
| Construction             | : 0.16 × 7  |
| Standard Dia.(mm)        | : 0.49  |
| Insulation Layer         | : Solid PE  |
| Thickness                | : 0.515   |
| Insulation Dia.(±0.08mm) | : 1.52  |
| Insulation Colour        | : Natural   |
| Braiding                 | : Tinned Copper   |
| Construction             | : T0.1 × 16 × 5   |
| Braiding Coverage        | : 90%   |
| Jacket                   | : PVC   |
| Thickness (mm)           | : 0.28  |
| Dia.(±0.15mm)            | : 2.6   |
| Jacket Colour            | : Black   |
| Marking                  | : RG Wire & Cable Limited RG 174 A/U 50hm PVC [MM] [WkYr] |
| Packaging                | : 100m reel   |

## Electrical Characteristics:

|  |           |
|--|-----------|
| Max.Conductor DC Resistance at 20°C (Ω/Km)     | : 330     |
| Min.Insulation DC Resistance at 20°C (MΩ × Km) | : >1,000  |
| Rated Temperature (°C)                         | : 80      |
| Rated Voltage(V)                               | : 30      |
| Capacitance (pF/m)                             | : 101 ± 5 |
| Velocity Ratio (%)                             | : 66      |
| Impedance (Ω)                                  | : 50 ± 3  |
| Attenuation at 20°C (-dB/100m) (±5%)           |           |
| 100MHz   | : 27.6    |
| 500 MHz  | : 55.8    |
| 1,000MHz                                       | : 89.9    |

## Design:



## Part Number Table

| Description                          | Part Number |
|--------------------------------------|-------------|
| Coaxial Cable, RG174A/U, Black, 100m | PP000620    |

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