

RoHS  
Compliant



## Product Description:

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

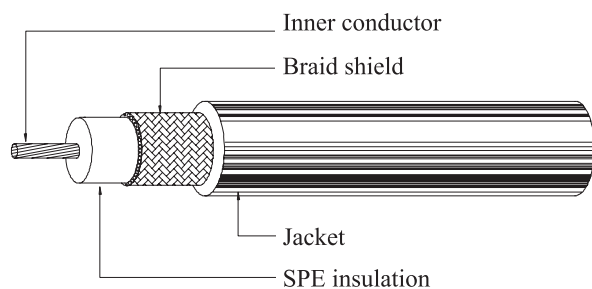
## Cable Construction:

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	3239

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