

RoHS  
Compliant



## Product Description:

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

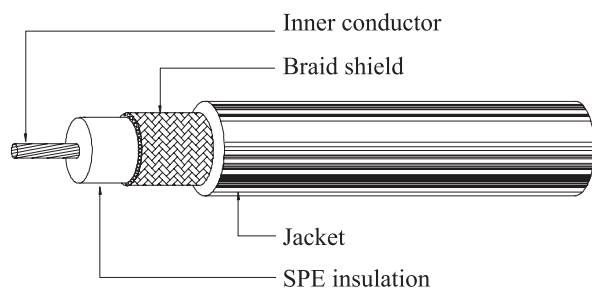
## Cable Construction:

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

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.