

RoHS
Compliant



Product Description:

Application	: For communication and signal control systems
Multi-construction	: 1

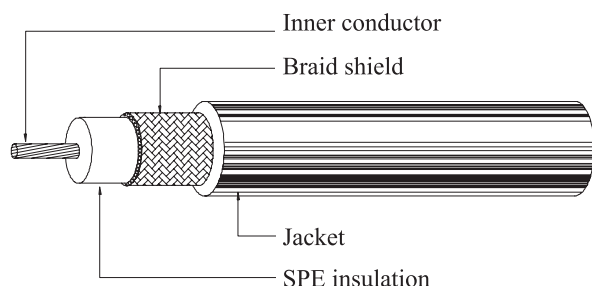
Cable Construction:

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
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
Fire Resistant	: IEC 60332-1

Design:



Part Number Table

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

Footnote: Letter "A" - means a specification modification or revision. The "A" modification replaced the solid center conductor with a more flexible stranded center conductor (that is highly recommended for use in mobile installations). Letter "U" - Means it is a universal application.

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET 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. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.