



ENGLISH

Datasheet

Stock No: 222-8610

# RS Pro Black Coaxial Cable, Polyvinyl Chloride PVC Sheath RG174A/U



## Product Details

**RG174A/U high frequency, coaxial cable**

A cable with a flexible inner conductor made from 7 x 0.16 mm bare copper-clad steel with solid polyethylene insulation.

BNC plug / cable group B

### Standards

MIL-C-17 (388-502)



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## Specifications:

|                               |  |
|-------------------------------|--|
| Coaxial Type                  | RG174A/U   |
| Outer Diameter                | 2.79mm   |
| Characteristic Impedance      | 50 $\Omega$  |
| Reel Length                   | 20m  |
| Sheath Colour                 | Black  |
| Sheath Material               | Polyvinyl Chloride PVC                                       |
| Insulation Material           | PE   |
| Conductor Material            | Copper Clad Steel  |
| Conductor Strand Type         | Stranded   |
| Core Strands                  | 7/0.16 mm  |
| Number of Strands             | 7  |
| Size of Strands               | 0.16 mm  |
| Connector Type                | B  |
| Attenuation                   | 42 dB/100m @ 200MHz, 60 dB/100m @ 400MHz, 220 dB/100m @ 3GHz |
| Cable Shape                   | Coaxial  |
| Capacitance                   | 106 pF/m   |
| Maximum Operating Temperature | +85°C  |
| Minimum Operating Temperature | -40°C  |
| Velocity ratio                | 65.9%  |