

## FEATURES

- A coaxial communication cable, great for communicating
- Meets the requirements of MIL-C-17
- Black polyvinyl chloride (PVC) outer sheath
- Stranded 7/0.16mm
- More flexible than RG58
- Impedance of 50 Ohm

## RS PRO Black Unterminated to Unterminated RG174A/U Coaxial Cable, 50 $\Omega$ 2.79mm OD 20m

RS Stock No.: 222-8610



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

The RG174A/U Coaxial Cables are traditionally used for interconnecting telecoms industry equipment and data. This interconnection is useful for facilitating the transmission of radio frequency signals.

### General Specifications

<b>Coaxial Type</b>	RG174A/U
<b>Connector Type</b>	B
<b>Connector A</b>	Unterminated
<b>Connector B</b>	Unterminated
<b>Terminated/Unterminated</b>	Unterminated
<b>Sheath Colour</b>	Black
<b>Applications</b>	Wi-Fi pigtails, Power management, Communications and networking

### Electrical Specifications

<b>Capacitance</b>	106pF/m
<b>Characteristic Impedance</b>	50 $\Omega$
<b>Velocity Propagation (%)</b>	65.9%

### Attenuation (@ 20°C)

Frequency (Hz)	Attenuation (db/100m)
200MHz	42
400MHz	60
3GHz	220

## Mechanical Specifications

<b>Length</b>	20m
<b>Outer Diameter</b>	2.79mm
<b>Conductor Strand Type</b>	Stranded
<b>Number of Strands</b>	7
<b>Size of Strands</b>	0.16mm
<b>Core Strands</b>	7/0.16mm
<b>Cable Shape</b>	Coaxial

Item	Material	Diameter	Thickness
Inner Conductor	Bare Copper Clad Steel	7mm	0.16mm
Insulation	PE		
Sheath	PVC		

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-40°C to 85°C
<b>Minimum Operating Temperature</b>	-40°C
<b>Maximum Operating Temperature</b>	85°C

## Approvals

<b>Compliance/Certifications</b>	EN 61340
<b>Standards Met</b>	MIL-C-17 (388-502)



