



Coaxial cable RG174



RG174 is a coaxial cable with an impedance of 50Ω and an external diameter of 2.9 mm. The inner conductor is stranded copper. The dielectric is made of PE, so the cable is perfect for outdoor applications.

Component

Inner conductor: Stranded Copper \varnothing 7x 0.16 \pm 0.01 mm
 Dielectric: Solid PE \varnothing 1.5 \pm 0.1 mm
 Outer conductor: -Braid Tinned Copper
 Sheath: PVC Black (semi pressure extrusion)

Marking

Wave-Cable RG174 Coaxial Cable (Meter mark at every 1 meter section)

APPLICATIONS

RG174 Coaxial Cable has extremely high usage to be an GPS Antenna Cable, WLAN Antenna Cable, GSM Antenna Cable with so many RF Connectors include MMCX Connector, MCX Connector, SMA Connector, SMB Connector and others.

FEATURES

- Perfect matching
- Reduced diameter low-profile design for enhanced flexibility

BENEFITS

- Reduced installation costs and maintenance
- Ideal for short, low-power signal runs between excitors

Specification

Inner conductor		Stranded Copper	\varnothing 7x0.16 \pm 0.01 mm	
Dielectric		Solid PE	\varnothing 1.5 \pm 0.1 mm	
Outer conductor	Braid	Tinned Copper	Formation	4x16x0.1 \pm 0.01 mm
			Lay	23 \pm 0.3 mm
			Coverage	87 \pm 3%
Sheath		PVC Black (semi pressure extrusion)	Diameter	\varnothing 2.9 \pm 0.15mm

Electrical data

Impedance	50 \pm 3Ω	
Capacitance	100pF/m \pm 5.6	
Velocity of propagation	66 \pm 3%	
Attenuation at 20°C (\pm10%) [dB/100m]	50 MHz	18.0
	200 MHz	37.2
	400 MHz	53.2
	600 MHz	64.3
	800 MHz	79.2