



## Technical Specifications

### 一、Product Overview

Point-to-point and point-to-multipoint wireless antenna communication; Wireless microphones, Two-Way Radios, Amateur (Ham) Radio, Low Power FM, GPS, RFID (Radio Frequency Identification)

### 二、Construction Details

Type	RG174
Specification	/
<b>Conductor</b>	
Conductor material	BC
Conductor Construction (mm)	7*0.16±0.01
<b>Insulation</b>	
Insulation material	PE
Insulation diameter(mm)	1.52±0.1
Average Thickness (mm)	0.50
Min Thickness (mm)	0.45
<b>Shield</b>	
Shield material	AL/PET
<b>Braid</b>	
Braid material	Tinned Copper
Braid coverage	90%



Type	RG174
Specification	/
<b>Jacket</b>	
Jacket material	PVC
Jacket Diameter(mm)	2.8±0.12
Average Thickness (mm)	0.4
Min Thickness (mm)	0.3
Color	Black
Electrical & Physical Characteristics:	
Conductor DCR 20°C	≤140Ω/KM
Capacitance Cond-to-Shield	102±5 pF/m
Characteristic Impedance	50±2Ohm
Velocity of Propagation (VP)	66%
VSWR	≤1.5
Operating Temperature Range	- 20°C ~ 70°C
Voltage Rating	300V
Fire Resistance	IEC 60332-1-2
Frequency (MHZ)	Insertion Loss ≤dB/100M
10	10.9
50	19.1
100	27.6
200	41.0
400	62.30
700	88.6
900	101.7
1000	111.5

