



### Ordering Information

Item No.	<b>RG-174</b>
Series No.	<b>S1003</b>

### Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	Bare Copper (BC)	7*0.16±0.005
Dielectric	White PE	φ 1.52±0.05
Braiding	Tinned Copper (BC), 64*0.10mm (L=14.4), 85% coverage	1.92
Jacket	Black PVC	φ 2.80±0.10

### Electrical Properties

Property	Value
Characteristics Impedance	50±3 Ω
Rated capacitance	101±5 pf/m
Velocity	66.00%
Max operating voltage	1500 VMS
Max operating frequency	6000 MHz

### Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m) (Allowance 15% difference)
100	28.5
500	66.5
900	94.5
1000	106.5
1800	129.5
2000	157.5
3000	211.5

### Electrical Properties

Property	Value
Minimum bending radius	14 mm
Operating temperature	-20 ~ +80°C
ROHS	Compliant