



Ordering Information

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|------------|---------------|
| Item No. | RG-174 |
| Series No. | S1003 |

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) |
|----------------|----------------------------|
| 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 |