



rg174/u

Construction

| | Material | Diameter(mm) |
|-----------------|-------------|--------------|
| Inner Conductor | BC/TC | 7×0.16 |
| Dielectric | Solid PE | 1.5 |
| Shield | BC/TC Braid | 88% |
| Jacket | PVC | 2.50 |

Packing: 100m/roll, 305m/reel, 500m/reel

Electrical Characteristics

| | |
|-------------------------------|----------|
| Capacitance (pF/m) | 101.0 |
| Impedance (Ω) | 50.0 |
| Velocity of Propagation (%) | 66.0 |
| Conductor DCR (Ohm/km) | 318.2 |
| Outer Shield DCR (Ohm/km) | 35.1 |
| Max Operating Frequency (MHZ) | 1000.0 |
| Max Operating Voltage (RMS) | 1500.0 |
| Operating Temp Range (°C) | -40to 85 |

Attenuation(20°C)

| Frequency (MHZ) | Max Attenuation (dB/100ft) | Max Attenuation (dB/100m) |
|-----------------|----------------------------|---------------------------|
| 10 | 3.3 | 10.8 |
| 50 | 6.1 | 20.0 |
| 100 | 7.8 | 21.0 |
| 200 | 13.0 | 42.5 |
| 400 | 16.9 | 55.6 |
| 600 | 21.0 | 68.8 |
| 860 | 26.2 | 86.1 |
| 1000 | 29.3 | 96.2 |

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