



Technical Specifications of RG214

Basic Information

- Model:** RG214
- Category:** Coaxial Cable
- Certificates:** UL, ETL, CE, CPR, RoHS
- Standard:** MIL-C-17

Construction Parameters

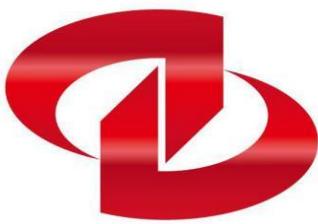
Component	Specification
Inner Conductor	7/0.752 ± 0.01mm Silver Plated Copper (SPC)
Dielectric	7.24 ± 0.05mm Solid Polyethylene (SPE)
Shield 1	24×6×0.16mm Silver Plated Copper (SPC); Braiding Density: 95.7% ± 3%
Shield 2	24×7×0.16mm Silver Plated Copper (SPC); Braiding Density: 98% ± 3%
Jacket	10.8 ± 0.10mm Black PVC

Electrical Characteristics

- Capacitance:** $101 \pm 5 \text{ pF/m}$
- Impedance:** $50 \pm 2 \Omega$
- Velocity of Propagation:** 66%
- Max Operating Voltage:** 5000 VMS
- Max Operating Frequency:** 11,000 MHz

Mechanical and Environmental Properties

- Cable Bend Radius:** 40 mm



- **Operating Temperature Range:** -40°C to 80°C
- **Installation Temperature Range:** -5°C to 20°C

Attenuation (at 20 °C)

- (Specific attenuation data not provided in the original document)

Order and Packaging Information

- **Length Options:** 100m, 305m, 500m, 1000m, 500ft, 1000ft (Package options also include 300m as specified separately)
- **Packing Methods:** Roll, wooden spool, carton, pallet