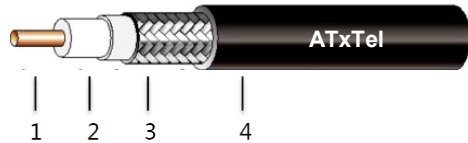


Model: LMR195
Low Loss Coaxial Cable



| Construction | Materials | Outer Diameter (mm) |
|--------------------|--------------------------|---------------------|
| 1. Inner Conductor | Copper Wire | 0.94 |
| 2. Dielectric | Foam Polyethylene | 2.97 |
| 3. Outer Conductor | Aluminum + Tinned Copper | 3.50 |
| 4. Jacket | Black Polyethylene | 4.95 |

| Electrical Specifications | |
|---------------------------|-----------------|
| Cable Impedance | 50 Ω |
| Capacitance | 80 pF/m |
| Shielding Effectiveness | >90dB |
| Velocity | 75% |
| Jacket Spark Test Voltage | 3000 Vrms |
| Peak Power | 2.5 kW |
| Operating Frequency | 30-6000 MHz max |

| Mechanical & Environmental Specifications | |
|---|--------------|
| Bend Radius | 12.7 mm |
| Temperature Range | -40 ~ +85 °C |
| RoHS Compliance | Compliant |
| Tensile Strength | 18 kg |

| Attenuation (Typical Value @ 25°C & Sea Level) | |
|--|--------------------|
| Frequency (MHz) | Attenuation (dB/m) |
| 150 | 0.14 |
| 450 | 0.26 |
| 900 | 0.36 |
| 1800 | 0.52 |
| 3000 | 0.69 |
| 5000 | 0.90 |
| 6000 | 0.99 |