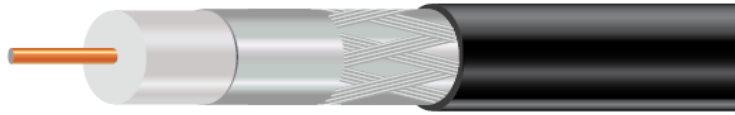


LLC-MFT200 (LMR-200 Type)**Low Loss Flexible Coaxial Cable****Construction**

| Item | Material | Diameter (inch) | Diameter (mm) |
|------------------|--------------------------------|-------------------|-----------------|
| Center Conductor | Solid Bare Copper | 0.0441 inch | 1.12 mm |
| Dielectric | Foamed Polyethylene | 0.116 inch | 2.95 mm |
| Inner Shield | Sealed APA Tape | 0.123 inch | 3.12 mm |
| Outer Shield | 36AWG, 90% Tinned Copper Braid | 0.144 inch | 3.65 mm |
| Jacket | Black PE | 0.195 inch | 4.95 mm |

Electrical & Mechanical Data

| | |
|------------------------------------|-------------------------------------|
| Operation Frequency | 30 ~ 6000 MHz |
| Characteristic Impedance | 50 Ω |
| Velocity of Propagation, Nom. | 82 % |
| Capacitance, Nom. | 24.5 nF/kft (80.3 nF/km) |
| Inner Conductor Resistance @ 20 °C | 5.5 Ω /kft (18 Ω /km) |
| Outer Conductor Resistance @ 20 °C | 4.9 Ω /kft (16 Ω /km) |

Attenuation @ 20 °C

| Frequency | dB/100ft | dB/100m | Avg. Power Rating (Kw) |
|-----------|----------|---------|------------------------|
| 30 MHz | 1.80 | 5.91 | 1.02 |
| 50 MHz | 2.30 | 7.55 | 0.79 |
| 150 MHz | 4.00 | 13.12 | 0.45 |
| 220 MHz | 4.85 | 15.90 | 0.37 |
| 450 MHz | 6.95 | 22.80 | 0.26 |
| 900 MHz | 9.94 | 32.60 | 0.18 |
| 1500 MHz | 12.92 | 42.40 | 0.14 |
| 1800 MHz | 14.20 | 46.60 | 0.13 |
| 2000 MHz | 15.03 | 49.30 | 0.12 |
| 2500 MHz | 16.89 | 55.40 | 0.11 |
| 5800 MHz | 26.37 | 86.50 | 0.07 |