

## Low Loss Flexible HLF 100 Coaxial Cable



Construction	
Center Conductor	Copper Clad Steel
Dielectric	Solid Polyethylene (FPE)
Diameter of Dielectric	2.79 mm
Inner Shield	Unsealed APA Tape
Outer Sheath Material	Polyethylene – UV Resistant
Outer Sheath Color	Black
Electrical Characteristics	
Impedance	50Ω
Cutoff Frequency	DC – 8 GHz
Velocity of Propagation	66%
Dielectric Constant	2.30
Shielding Effectiveness	>90 dB
Withstand Voltage	500 Volts DC
Jacket Spark	2000 V (rms)
Capacitance	30.8 pF/ft (78.4 pF/m)
Inductance	0.077 μH/m
Inner Conductor	81.0 ohms /1000ft
Outer Conductor	9.5 ohms /1000ft
Return loss	≥ 15 dB
Peak Power	0.6 kW
Physical Characteristics	
Bend Radius Repeated	25.4 mm
Tensile Strength	6.8 kg
Temperature Rating -	-30°C to +85°C
Weight	0.014 kg /m

### Drop-in replacement for

Times Microwave LMR 100/CNT 100

### Feature

- High-performance coaxial cable with durable Polyethylene jacket
- Jumper Assemblies in Wireless Communications Systems.
- Short Antenna Feeder runs.
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable.