SRFS TELEINFRA

Low Loss Flexible HLF 900 Coaxial Cable

Construction	
Inner Conductor	BC Tube
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper
Dielectric	Foamed Polyethylene (FPE)
Outer Sheath Material	Polyethylene – UV Resistant
Outer Sheath Color	Black
Electrical Characteristics	
Impedance	50Ω
Cutoff Frequency	DC –8GHz
Velocity of Propagation	87%
Dielectric Constant	1.32
Shielding Effectiveness	>90 dB
Withstand Voltage	5000 VDC
Jacket Spark	8000V (rms)
Capacitance	23.4 pF/ft (78.4 pF/m)
Inductance	0.058 µH/m
Inner Conductor Resistance	≤ 0.54 Ω/Km
Outer Conductor Resistance	≤ 0.55 Ω/Km
Return loss (30 – 2800 MHz)	≥ 15 dB
Peak Power	62 kW
Physical Characteristics	
Bending Radius (Repeated)	128.6 mm
Tensile Strength	340.5 kg
Temperature Rating	-30®C to +85®C
Weight	0.40 kg /m

Drop-in replacement for

Times Microwave LMR 900 / CNT 900

Features

- 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.

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