SRFS TELEINFRA

Low Loss Flexible HLF 240 Coaxial Cable

Construction	
Conductor Material	Solid Bare Copper
Stranding	1 / 1.12 mm
Dielectric	Foamed Polyethylene (FPE)
Diameter of Dielectric 2.79 mm	2.95mm
Screen Material(1)	Bonded Aluminum Tape(100%)
Screen Material(2)	Tinned Copper wire Braid (89%)
Outer Sheath Material	Polyethylene – UV Resistant
Outer Sheath Color	Black
Electrical Characteristics	
Impedance	50Ω
Cutoff Frequency	DC – 8 GHz
Velocity of Propagation	83%
Dielectric Constant	1.56
Shielding Effectiveness	>90 dB
Withstand Voltage	1.5kV
Jacket Spark	3.0kV (rms)
Capacitance	24.5 pF/ft (78.4 pF/m)
Inductance	0.061 µH/m
Conductor Resistance	≤ 17.6 Ω/Km
Outer Conductor Resistance	≤ 16.1 Ω/Km
Return loss	≥ 15 dB
Peak Power	2.5 kW
Physical Characteristics	
Overall Diameter	5.0 mm
Min. Bend Radius	12.7 mm
Temperature Rating	-30®C to +85®C
Weight	30 kg /km

Drop-in replacement for

Times Microwave LMR 240

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.

Frequency (MHz)	Attenuation dB/100 ft	dB/100m
30	1.5	4.9
50	1.8	6.0
150	3.7	9.6
220	3.5	11.5
450	5.1	16.8
900	7.4	24.3
1500	9.7	31.8
1800	10.7	35.0
2000	11.3	37.0
2500	12.7	41.8

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