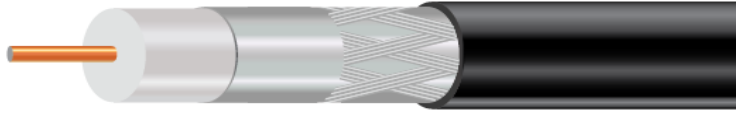


LLC-MFT400 UF (LMR-400UF Type)**Low Loss Flexible Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	Bare Copper	2.74 mm (0.1079 inch)	7 Stranded
Dielectric	Foam PE	7.24 mm (0.285 inch)	Foam PE
Inner Shield	Sealed APA Tape	7.42 mm (0.292 inch)	Tape Wrapping
Outer Shield	Tinned Copper	8.12 mm (0.320 inch)	90% Coverage
Jacket	TPE	10.29 mm (0.405 inch)	Black Thermoplastic Elastomer

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	6 GHz (Max.)
Velocity of Propagation	85 %
Capacitance	23.8 nF/Kft (78.0 nF/Km)
Working Voltage	- 40 °C ~ 85 °C
Center Conductor Resistance	1.1 Ω /Kft (4 Ω /Km)
Inner Shield Resistance	1.5 Ω /Kft (5 Ω /Km)
Weight	87.4 lb/Kft (130 Kg/Km)
Min. Bending Radius	1.0 inch (25.4 mm) Installation 4.0 inch (101.6 mm) Repeated

Attenuation

Frequency (GHz)	Attenuation		Power Rating Avg. Kw
	(dB/100ft)	(dB/100M)	
30 MHz	0.82	2.7	2.77
50 MHz	1.07	3.5	2.14
150 MHz	1.86	6.10	1.22
220 MHz	2.26	7.40	1.00
450 MHz	3.26	10.70	0.69
900 MHz	4.69	15.40	0.48
1500 MHz	6.16	20.20	0.36
1800 MHz	6.80	22.30	0.33
2000 MHz	7.19	23.60	0.31
2500 MHz	8.11	26.60	0.28
5800 MHz	12.98	42.60	0.17