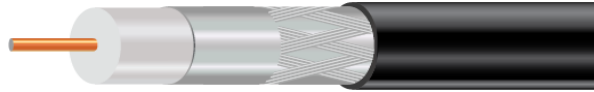


MFC-195 UF (LMR-195 UF Type)**Low Loss Flexible Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	Stranded Bare Copper	0.97 mm (0.038 inch)	7 Stranded Bare Copper Wire
Dielectric	Foam PE	2.79 mm (0.110 inch)	Foam PE
Inner Shield	Aluminum Tape	2.95 mm (0.116 inch)	Aluminum Tape Wrapping
Outer Shield	TC	3.50 mm (0.138 inch)	Tin Plated Copper Wire Braiding
Jacket	TPE	4.95 mm (0.195 inch)	BLACK Thermoplastic Elastomer

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	5.8 GHz (Max.)
Velocity of Propagation	80 %
Capacitance	83.3 pF/m (25.4 pF/ft)
Operating Temperature	- 40°C ~ 85°C
Voltage Withstand (Volts DC)	1,000
Jacket Spark (Volts RMS)	3,000
Min. Bending Radius	12.7 mm (0.5 inch) Installation 50.8 mm (2.0 inch) Repeated

Attenuation

Frequency (MHz)	Attenuation		Power Rating (Avg. Kw)
	(dB/100M)	(dB/100ft)	
30 MHz	7.70	2.35	0.78
50 MHz	9.90	3.02	0.61
150 MHz	17.38	5.30	0.35
220 MHz	21.10	6.43	0.28
450 MHz	30.50	9.30	0.20
900 MHz	43.40	13.23	0.14
1500 MHz	56.77	17.30	0.10
1800 MHz	62.40	19.02	0.09
2000 MHz	65.93	20.10	0.09
2500 MHz	74.20	22.62	0.08
5800 MHz	116.79	35.60	0.05