



ETL FEEDER ALUMINUM CABLE (1-1/4\"L)

1-1/4 \"FEEDER ALUMINUM CABLE

Applications Radio Transmission line

Advantage : Low loss Better intermodulation.

MODEL : ETL-RF- FEEDER-1-1/4

Detail

Inner Conductor	Helical Copper Tube	13.00mm
Dielectric	Physical Foam Polyethylene	33.00mm
Outer Conductor	Corrugated Aluminum Tube	36.00mm
Jacket	Black PE	38.60mm

Tech

Capacitance	76.0 pF/m
Impedance	50±1 Ω
Insulation Resistance	5000 MΩ.km
Velocity	88%
RF Peak Voltage	4.00 kV
Peak Power Rating	185kW
Cut-off Frequency	3.7GHz
Shielding Effectiveness > 10MHz	> 120 dB
VSWR	
0.8~1.0GHz	≤1.15
1.7~2.7GHz	≤1.15
Single Bending	150mm
Repeated Bending	380mm
Minimum Number of Bends	15
Tensile Strength	2500N

Operation

Storage Temperature	-55°C~+85°C
Installation Temperature	-40°C~+60°C
Operation Temperature	-55°C~+85°C
Ultraviolet resistance	IEC 60068-2-5; UL1581



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Insertion loose

Frequency	Attenuation	Average Power
MHz	dB/100m	kW
100	0.90	7.6
200	1.31	5.24
450	2.04	3.35
800	2.83	2.45
900	3.02	2.26
1000	3.21	2.12
1500	4.07	1.7
1800	4.53	1.52
2000	4.83	1.4
2200	5.10	1.33
2400	5.37	1.26
2500	5.51	1.23
3000	6.19	1.09

*Typical value, Maximum 5%