

# F系列 6GHz RG142电缆组件

F-series 6GHz RG142 Cable Assembly

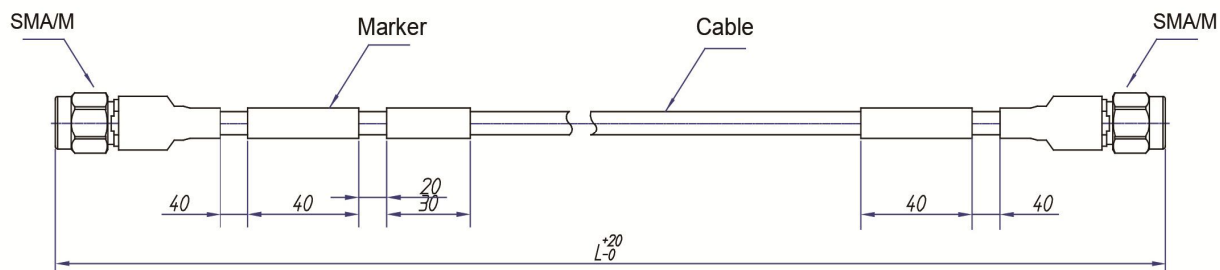
产品规格书  
Specification

产品型号 Part No.

F142-SMSM-L



## 外形图 Outline



## 电气性能 Electrical Characteristics

工作频率 Frequency	DC - 6 GHz
特性阻抗 Impedance	50 Ω
电容 Capacitance	96.45pF/m
工作电压 Voltage	1400 V
传播速率 Velocity of Propagation	70%
电压驻波比 VSWR	1.30 Max

## 机械与环境性能 Mechanical and Environmental Characteristics

电缆外径 Cable Diameter	4.95 mm
最小弯曲半径 Min. Bend Radius	25 mm
工作温度 Operating Temperature Range	-55°C ~ +200°C

## 组件衰减指标 Attenuation

Part No.	1GHz	3GHz	5GHz	6GHz
F142-SMSM-0.5M	0.28 dB	0.51 dB	0.69 dB	0.78 dB
F142-SMSM-1.0M	0.50 dB	0.92 dB	1.26 dB	1.43 dB
F142-SMSM-1.5M	0.73 dB	1.34 dB	1.84 dB	2.08 dB
F142-SMSM-2.0M	0.95 dB	1.75 dB	2.41 dB	2.73 dB
F142-SMSM-3.0M	1.40 dB	2.58 dB	3.56 dB	4.03 dB
F142-SMSM-5.0M	2.30 dB	4.24 dB	5.86 dB	6.63 dB

## 连续波功率 CW Power ( sea level / 25°C)

400 W	235 W	182 W	166 W
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注：电缆组件接头和长度可接受定制 Different connector types and the lengths of D series cable assembly are available.

In the effort to improve our products, Lair Microwave reserves the right to make changes judged to be necessary.

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