

# MA 系列 110GHz 高精密稳幅稳相测试电缆组件

MA-series 110GHz Phase Stable Cable Assembly

## 产品规格书

Specification

产品型号 Part No.

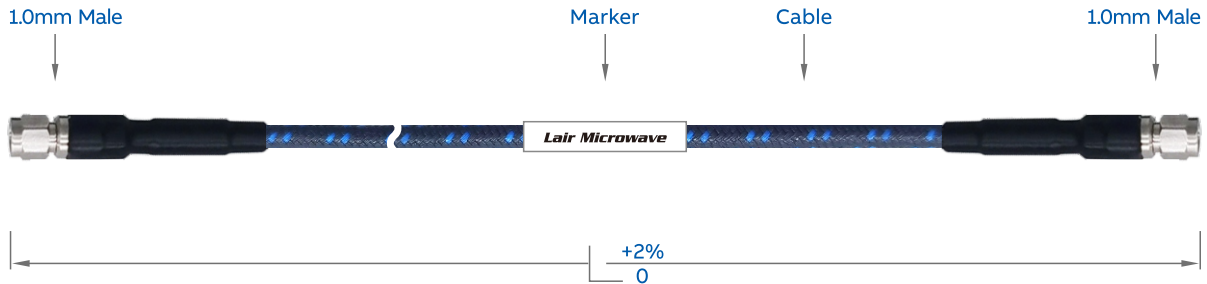
**MA110-10M10M-L**

### 电气性能

#### Electrical Characteristics

工作频率	Frequency	DC - 110 GHz
特性阻抗	Impedance	50 Ω
绝缘电阻	Insulation Resistance	5000 mΩ
介质耐压	Dielectric Withstanding Voltage	800 V
屏蔽效率	Shielding Effectiveness	≥ 90 dB
传播速率	Velocity of Propagation	70%
电压驻波比	VSWR	1.4 Max
弯曲相位稳定性	Phase Stability vs. Flexure	±8°@18GHz
弯曲幅度稳定性	Amplitude stability	±0.25@18GHz

### 外形图 Outline



### 机械与环境性能

#### Mechanical and Environmental Characteristics

电缆外径	Cable Diameter	2.85 mm
最小弯曲半径	Min. Bend Radius	14 mm
工作温度	Operating Temperature Range	-55°C ~ +125°C

### 组件衰减指标

#### Attenuation

电缆组件型号	Part No.	40GHz	50GHz	67GHz	110GHz
	MA110-10M10M-0.3M	3.09 dB	3.51 dB	4.16 dB	5.58 dB
	MA110-10M10M-0.5M	4.81 dB	5.47 dB	6.49 dB	8.74 dB
	MA110-10M10M-0.6M	5.67 dB	6.45 dB	7.66 dB	10.33 dB
	MA110-10M10M-1.0M	9.12 dB	10.38 dB	12.33 dB	16.65 dB
	MA110-10M10M-1.5M	13.42 dB	15.28 dB	18.17 dB	24.55 dB
连续波功率	CW Power ( sea level / 25°C)	4.4 W	3.9 W	3.3 W	2.4 W

**注** 电缆组件接头和长度可接受定制。 Different connector types and the lengths of MA 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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