

# G系列 26.5GHz超低损耗稳幅稳相电缆组件

G-series 26.5GHz Ultra Low Loss Phase Stable Cable Assembly

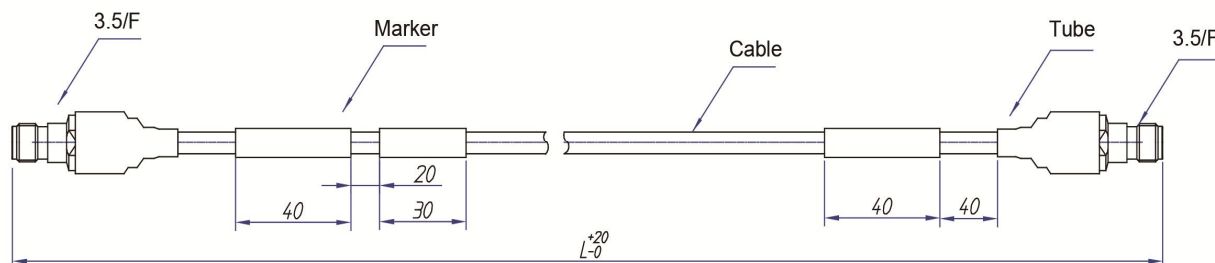
产品规格书  
Specification

产品型号 Part No.

G26-3.5F3.5F-L



外形图 Outline



## 电气性能 Electrical Characteristics

工作频率 Frequency	DC - 26.5 GHz
特性阻抗 Impedance	50 Ω
绝缘电阻 Insulation Resistance	5000 mΩ
介质耐压 Dielectric Withstanding Voltage	1500 V
屏蔽效率 Shielding Effectiveness	≥90 dB
传播速率 Velocity of Propagation	85%
电压驻波比 VSWR	1.25 Max
温度相位稳定性 Phase Stability vs. Temperature	≤550 PPM (-55°C ~ +85°C)
弯曲相位稳定性 Phase Stability vs. Flexure	≤±1.8°
弯曲幅度稳定性 Amplitude stability	≤0.05 dB

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

电缆外径 Cable Diameter	4.8mm
最小弯曲半径 Min. Bend Radius	48 mm
工作温度 Operating Temperature Range	-55°C ~ +165°C

## 组件衰减指标 Attenuation

Part No.	6GHz	12GHz	18GHz	26.5GHz
G26-3.5F3.5F-0.5M	0.39 dB	0.56 dB	0.69 dB	0.85 dB
G26-3.5F3.5F-1.0M	0.69 dB	0.98 dB	1.21 dB	1.49 dB
G26-3.5F3.5F-1.5M	0.98 dB	1.40 dB	1.73 dB	2.13 dB
G26-3.5F3.5F-2.0M	1.28 dB	1.82 dB	2.25 dB	2.77 dB
G26-3.5F3.5F-3.0M	1.87 dB	2.66 dB	3.29 dB	4.05 dB
G26-3.5F3.5F-5.0M	3.05 dB	4.34 dB	5.37 dB	6.61 dB

连续波功率 CW Power ( sea level / 25°C)	368 W	256 W	207 W	169 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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