泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial Low-pass Filter

DC-8GHz/SMA Female

Model: TLLF-DC-8G-T2

TLLF-DC-8G-T2 is a coaxial low-pass filter with a passband frequency from 0 to 8 GHz and a rejection frequency from 11 to 32 GHz. The typical insertion loss of the filter is 0.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range DC to 8 GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	DC		8	GHz
通带插损 Passband Insertion Loss		0.5		dB
带内回损Passband Return loss		-20		
带外抑制 Rejection@11 GHz		-25		dB
带外抑制Rejection@15-32GHz	-40	-55		
耐受功率 Power Handling			1	W
阻抗 Impedance	50			Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-45 To +85	℃
存储温度 Storage Temerature	-55 to +125	℃
接口 Connectors	SMA Female	

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外形图 Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-8G-T2	Coaxial Low-pass Filter,Passband frequency range:DC-8GHz,Passband Insertion Loss: 0.5dB Typ, SMA Female	Rev.1.0

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典型曲线 Typical Performance Data:

Frequency(GHz)

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.