

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

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		8	GHz
Passband Insertion Loss		0.5		dB
Passband Return loss		-20		
Rejection@11 GHz		-25		dB
Rejection@15-32GHz	-40	-55		
Power Handling			1	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-45 To +85	°C
Storage Temperature	-55 to +125	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	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

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.