LT-DCB-2.92MF-40G
Coaxial DC Block
5MHz - 40 GHz, 2.92 Male / 2.92 Female, 60V

LT-DCB-2.92MF-40G is a 2.92 mm coaxial DC block that prevents the flow of DC current in the frequency range of 5 MHz to 40 GHz. The DC block has a maximum insertion loss of 0.5dB, a max VSWR of 1.3:1. It is manufactured with 2.92mm male and female connectors for convenient circuit insertion. The breakdown voltage is +60 Volts.

Features:

- Operating Frequency 5MHz to 40GHz
- High Return Loss

Applications:

- laboratory test
- Instrumentations
- System Integration

Electrical Characteristics:

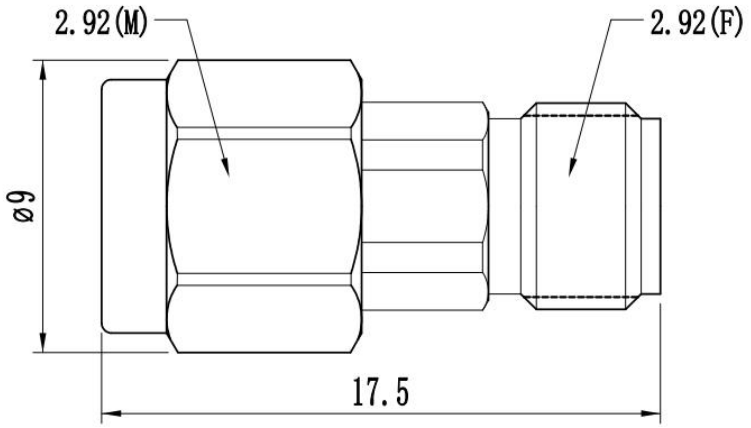
Parameter	Min	Typ	Max	Units
Frequency Range	5MHz		40GHz	
VSWR			1.3	:1
Insertion Loss			0.5	dB
Breakdown Voltage		60		V
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 to +165	℃
Storage Temperature	-55 to +165	
Body Material	Passivated stainless steel	
Inner Conductor	Becu, Golden	
Connectors	2.92mm Male/2.92mm Female	
Length	17.5	mm

Outline Drawing:

Unit:mm; Tolerance:±0.1mm

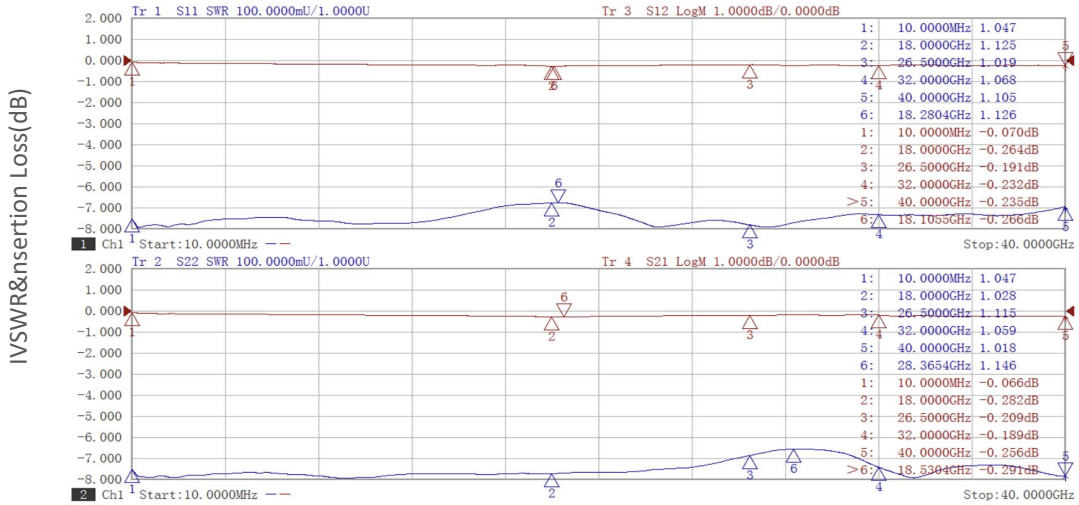


Ordering Information:

Base Number	Description
LT-DCB-2.92MF-40G	5MHz-40GHz,60V,2.92mm Female&Male Coaxial DC Block

Typical Performance Data :

VSWR&Insertion Loss vs Frequency



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.