Cryogenic Coaxial DC Block
MODEL: TDCCSMAMSMAF-18
10 MHz-18GHz/SMA/50V
sales@lauftex.ru | lauftex.ru

The TDCCSMAMSMAF-18 is a cryogenic SMA coaxial DC block that prevents the flow of DC current in the frequency range of 10 MHz to 18 GHz. The DC block has a maximum insertion loss of 0.7dB, a max VSWR of 1.35:1. It is manufactured with SMA male and female connectors for convenient circuit insertion. The breakdown voltage is +50 Volts.

Features:

- Operating Frequency 10MHz to 18GHz
- High Return Loss
- Low Cost

Applications:

- laboratory test
- Instrumentations
- System Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	10MHz		18GHz	
VSWR			1.35	:1
Insertion Loss			0.7	dB
Breakdown Voltage		50		V
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	10mK to +125℃	
Body Material	Stainless Steel 303	
Inner Conductor	Becu,Golden	
Connectors	SMA Male to Female	
Length	22	mm

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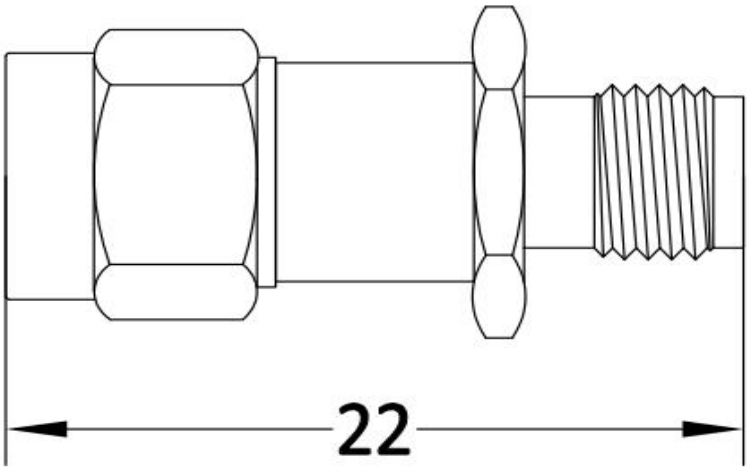
Outline Drawing:

Unit:mm

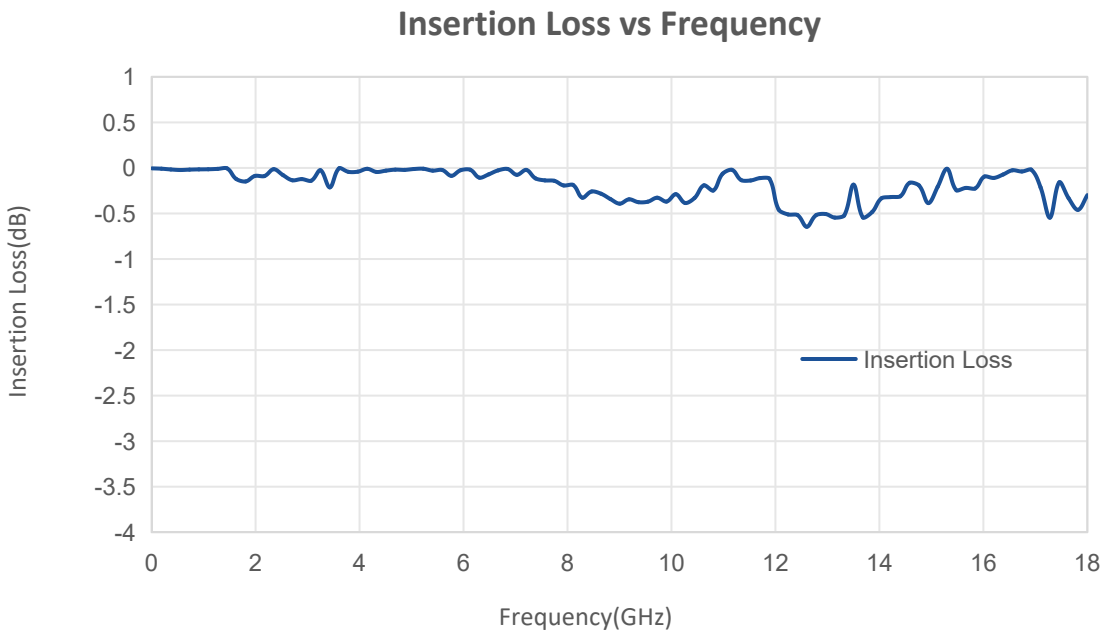


Regulatory Compliance:

Ordering Information:

Base Number	Description
TDCCSMAMSMAF-18	10MHz-18GHz,50V,SMA Cryogenic Coaxial DC Block

Typical Performance Data(T=4K):



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.