

Cryogenic Coaxial DC Block

300KHz-18GHz/SMA Male/50V

Model:TDCBSMSM-NM-Cryo

The TDCBSMSM-NM-Cryo is a cryogenic SMA coaxial DC block that prevents the flow of DC current in the frequency range of 300KHz to 18 GHz. The DC block has a maximum insertion loss of 1.0dB, a max VSWR of 1.35:1. It is manufactured with SMA male connectors for convenient circuit insertion. The breakdown voltage is +50 Volts..

Features:

- Operating Frequency 300KHz to 18GHz
- High Return Loss
- Low Cost

Applications:

- laboratory test
- Instrumentations
- System Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	300KHz		18GHz	
VSWR			1.35	:1
Insertion Loss			1	dB
Breakdown Voltage		50		V
Impedance		50		Ohms

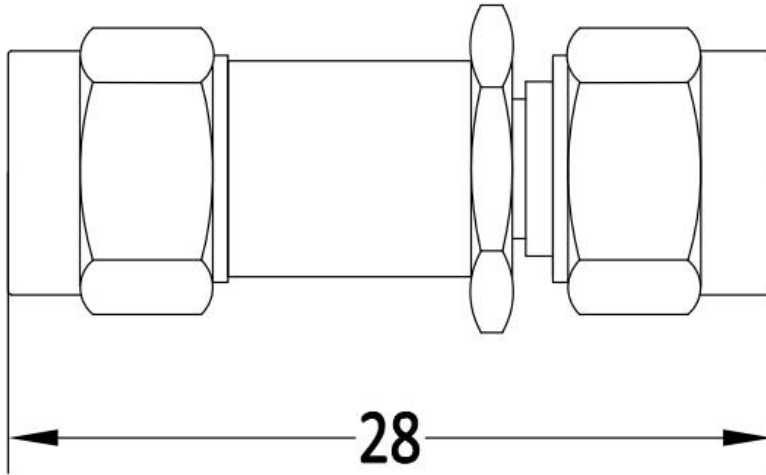
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	10mK to +125°C	
Body Material	OFHC Copper	
Finish	Gold plated	
Inner Conductor	Becu,Golden	
Connectors	SMA Male	
Length	28	mm

Outline Drawing:

Unit:mm

Regulatory Compliance:



Ordering Information:

Base Number	Description
TDCBSMSM-NM-Cryo	300KHz-18GHz,50V,SMA Cryogenic Coaxial DC Block