

Cryogenic Coaxial DC Block
300 KHz-18GHz/SMA Male/50V
Model: TDCCSMAMSMAM-18
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The TDCCSMAMSMAM-18 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 |

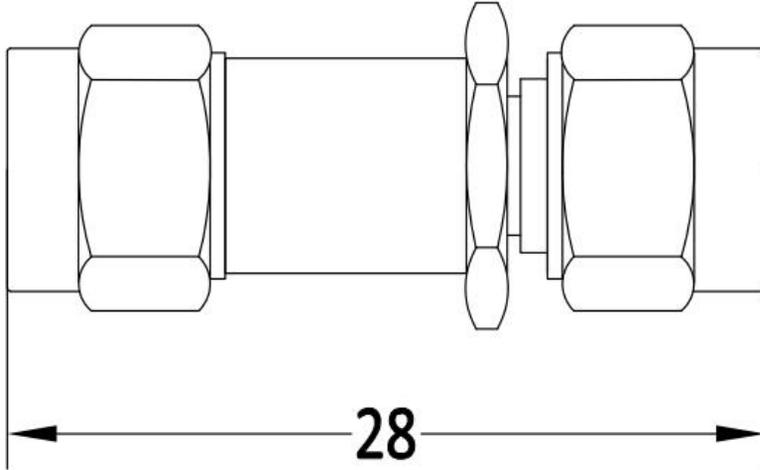
Environmental And Physical Characteristics:

| Description | Parameter | Units |
|-----------------------|---------------------|-------|
| Operating Temperature | 10mK to +125°C | |
| Body Material | Stainless Steel 303 | |
| Inner Conductor | BeCu,Golden | |
| Connectors | SMA Male | |
| Length | 28 | mm |

Outline Drawing:

Unit:mm

Regulatory Compliance:



Ordering Information:

| Base Number | Description |
|-----------------|---|
| TDCCSMAMSMAM-18 | 300KHz-18GHz,50V,SMA Cryogenic Coaxial DC Block |