

Coaxial DC Block

5MHz-18GHz/N/50V

Model:TDCBNMNF

The TDCBNMNF is a cryogenic N coaxial DC block that prevents the flow of DC current in the frequency range of 5 MHz to 18 GHz. The DC block has a maximum insertion loss of 0..6dB, a max VSWR of 1.25:1. It is manufactured with N male and female connectors for convenient circuit insertion. The breakdown voltage is +50 Volts..

Features:

- Operating Frequency 5MHz to 18GHz
- High Return Loss
- Low Cost

Applications:

- laboratory test
- Instrumentations
- System Integration

电气特性 Electrical Characteristics:

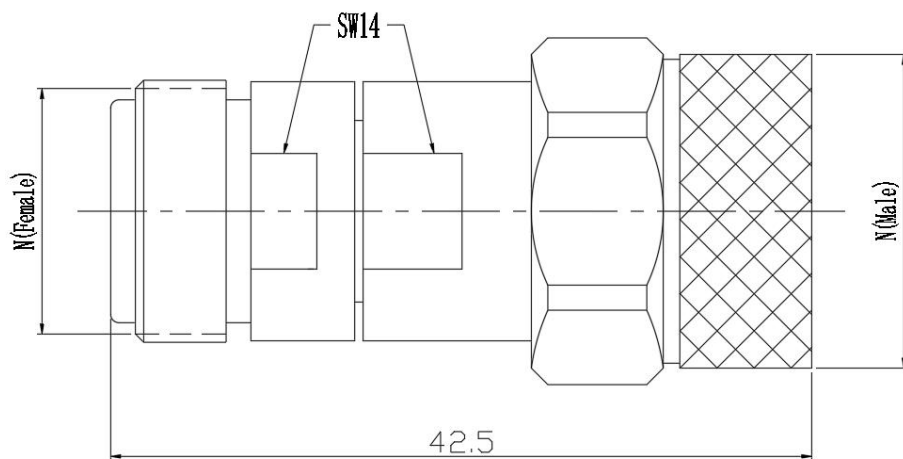
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	5MHz		18GHz	
驻波 VSWR			1.25	:1
插损 Insertion Loss			0.6	dB
击穿电压 Breakdown Voltage		50		V
阻抗 Impedance		50		Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 to +165	°C
壳体材质 Body Material	Stainless Steel 303	
内导体 Inner Conductor	Becu,Golden	
接口 Connectors	N Male to Female	
长度 Length	42.5	mm

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TDCBNMNF	5MHz-18GHz, 50V, N Coaxial DC Block