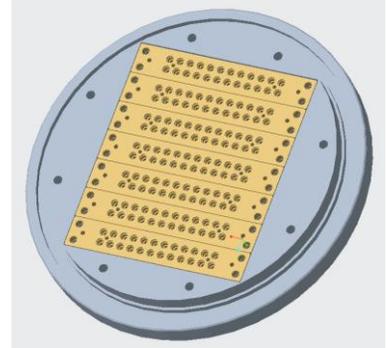


## High-density Hermetic Feedthrough

### 168 channel /SSMP Female/ SSMP Female/DC-18 GHz

Hermetic Feedthrough is ideal for applications where hermeticity is crucial to the transmission of RF signals. In these applications, the feedthrough is fixed to a flange (such as an ISO disk) with screws in blind holes from the inside of the vacuum.



#### Features:

- Frequency range: DC to 18 GHz
- Max leak rate  $\leq 5 \times 10^{-10}$  Pa·m<sup>3</sup>/s

#### Applications:

- Dilution Refrigerators/Cryogenic Devices
- Quantum Computing
- Vacuum Chambers
- Defense/Aerospace

#### Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR		1.25	1.35	:1
Insertion Loss			1.0	dB
Impedance		50		ohm

#### Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-55 to +200	°C
Storage Temperature	-55 to +200	°C
Of Channels	24 to 168	
Packaging case	304 Stainless steel	
Connector	SSMP Male to Male	
Leak-proof Rate	$\leq 5 \times 10^{-10}$	Pa·m <sup>3</sup> /s

#### Ordering Information:

---