

Model Number: 1270077

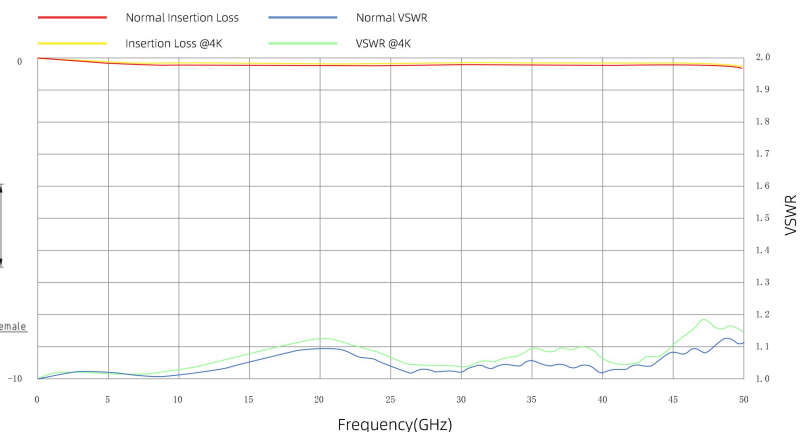
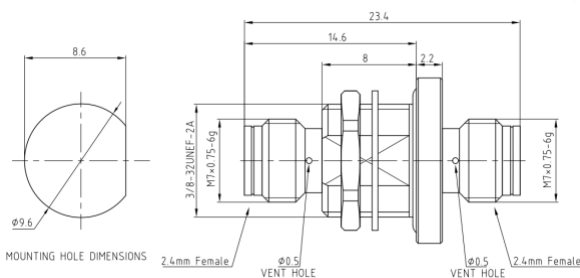
Somefly's Hermetically sealed 2.4mm female to 2.4mm female bulkhead adapter mechanically connects to 1.85mm and 2.4mm connectors. The 2.4mm to 2.4mm adapter features female-to-female gender construction, is made of durable stainless steel, and operates at 50GHz. Somefly's Hermetically Sealed RF adapters provides good VSWR of 1.5:1 maximum. This hermetically sealed 2.4mm to 2.4mm adapter prevents gas leakage, making it suitable for high-pressure or vacuum applications, or wherever a gas-tight seal is required.



Technical data

Electrical data		
Impedance		50 Ω
Frequency range		DC to 50GHz
VSWR		1.5:1
Insertion Loss		0.9dB MAX
Dielectric withstanding voltage (AC)		750 Vrms
Working voltage (AC)		≤ 250 Vrms
Insulation resistance		≥ 5000 MΩ
RF Leakage		100dB
Mechanical data		
Coupling nut torque Recommended		0.9 Nm
Connector Option		Hermetically Sealed
Durability (mating)		≥ 500
Weight		0.0159lbs(7.20g)
Size		Length:0.9215in(23.4mm) Width:(Dia):0.551in(14.0mm)
Environmental data		
Temperature range		4K to +165 °C
Hermetic Seal		1*10-8 cc/sec of Helium at 1 atm
Outgassing:		CVCM ≤0.1%, TML≤1%
Material data		
Connector parts	Material	Plating
Body	Stainless steel	Passivation
Nut	Stainless steel	Passivation
Centre contacts	Beryllium Copper	Gold
Support beads	Glass	

Outline drawing and Test Report:



4K and 25 $^{\circ}$ C Test Report