

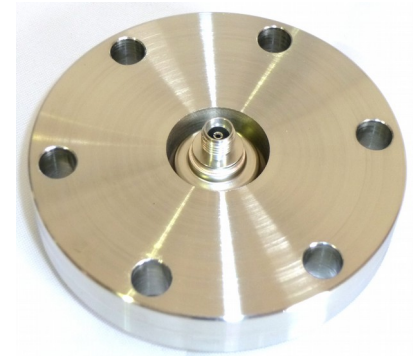
242-SMAD50

SMA 50 Ohm Miniture Co-axial Feedthrough – Grounded shield

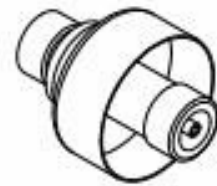
- Up to 4 feedthroughs fit on a DN40CF or DN40KF flange
- 3D model available on request

Specifications

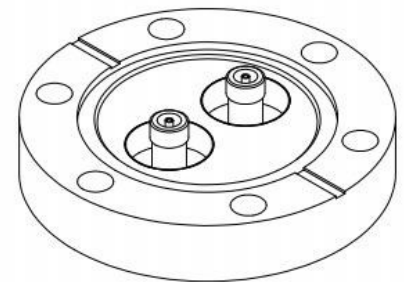
Type	Double sided SMA
Impedance	50 Ohm
Frequency	DC to 6.5GHz
Voltage	1000V DC (test voltage)
Current	3A max
Temperature	-200°C to 300°C
Vacuum leak rate	< 5x 10 ⁻¹⁰ mbar l / s (He)
Weld skirt Diameter	16.5mm
Connectors	Male SMA plugs
Recommended Cable (Vacuum side)	311-KAP50 / 311-KAP50S and radiation resistant versions
Seal	Welded all metal seal
Smallest flange	DN16CF / 16KF



242-SMAD-C40

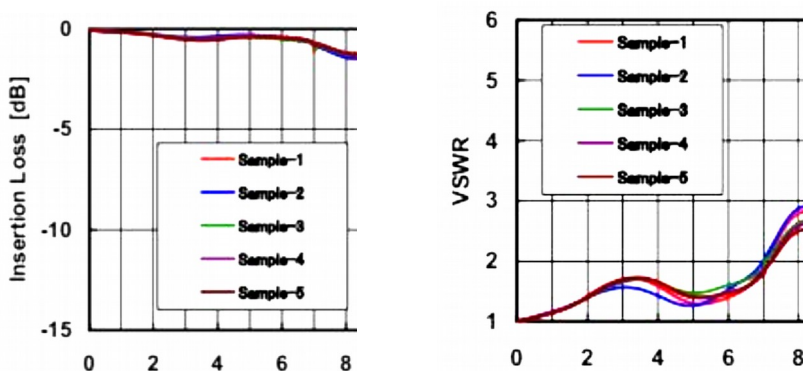


242-SMAD50
Weldable feedthrough



242-SMAD50-C40-2
2 off double sided Grounded
Shield SMA on one DN40CF
flange

Up to 4 off fit to one DN40CF
flange



Insertion loss and VSWR measured on 5 samples
Frequency range 0 to 8 GHz