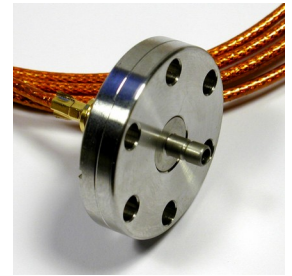


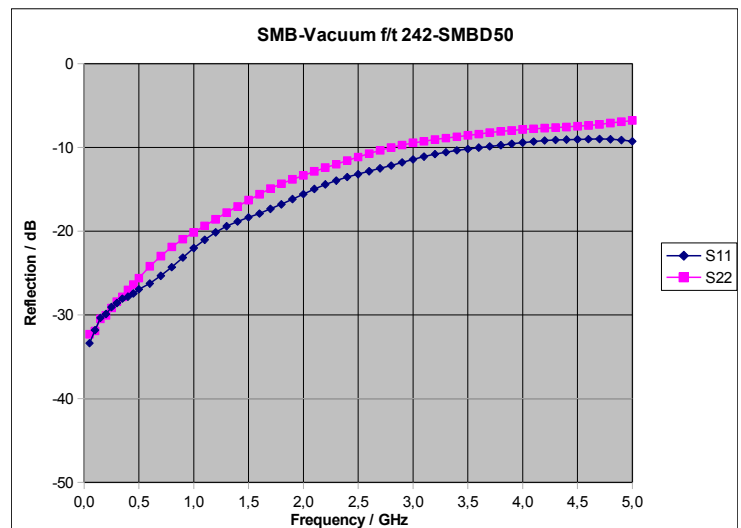
SMB Miniature 50Ω Coaxial Feedthroughs

The Allectra SMB feedthrough for UHV applications is for applications up to 1GHz an interesting alternative to SMA feedthroughs. It combines a very small size with an attractive price. Available are single sided and double sided versions. For the double sided version, connectors for our 50 Ohm In-Vacuum cable 311-KAP50 are available.



- Small dimensions are combined with a frequency range up to 1 GHz
- In-vacuum connectors and cables at attractive prices
- New SMB is an alternative to the well established SMA types.

Vacuum / Leak rate	UHV < 5x10 ⁻¹⁰ mbar l/s
Temperature	-200°C ... 220°C
Frequency	AC to 1 GHz
Impedance	50 Ohm
VSWR	~1.2 @ 1GHz
Max. current	1A
Test voltage / resistivity	500V DC / >1 Gohm (pin to ground)
Pin diameter (single sided version)	0.5mm (Crimp pin 360-CRF-05 can be used)



Reflection versus frequency, shown up to 5 GHz.
The max. recommended frequency is 1 GHz!