

242-SMAD18G	
Type	SMA Standard
Impedance	50 Ohm
Frequency range	0 – 18 GHz
Standing Wave Ratio (VSWR)	1.1 + 0.01x f (GHz)
Insertion Loss	0.15 x \sqrt{f} (GHz) db
Max. voltage	1000V
Temperature	-65 ... 200°C (CF flanges)
Vacuum leak rate	< 5x 10 ⁻¹⁰ mbar l / s (He)
Materials	SS, BeCu, FeNi, Glass, PTFE
Plating	All metal parts gold plated
Seal	Welded all metal seal



Flange	Pins	Part Code
16CF	1	242-SMAD18G-C16
40CF	1	242-SMAD18G-C40
40CF	2	242-SMAD18G-C40-2
40CF	3	242-SMAD18G-C40-3
40CF	4	242-SMAD18G-C40-4
16KF	1	242-SMAD18G-K16

Other assemblies are available on request.

Please note, that this f/t is only available as double sided grounded version so far.

For Microwave applications up to 40 GHz we recommend the use of our high frequency SMA-2.92mm version. Please ask for details.