

Key Features

- DC ~ 27 GHz, 50 Ohm impedance
- 0.10 dB Insertion Loss
- 1.15:1 VSWR
- Precision machined connector
- Gold Plating
- RoHS compliant

Applications

- Wide band amplifiers
- Microwave devices
- RF bench tests
- Mobile base station applications



Absolute Maximum Ratings

CW RF Power	100 W
Voltage Withstanding, RMS	750 V
Operating Temperature	-55°C to +125°C
Storage Temperature	-55°C to +125°C

Center Pin Diameter Taken

0.018" +/- 0.003"

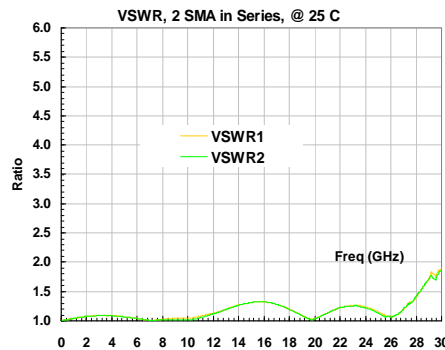
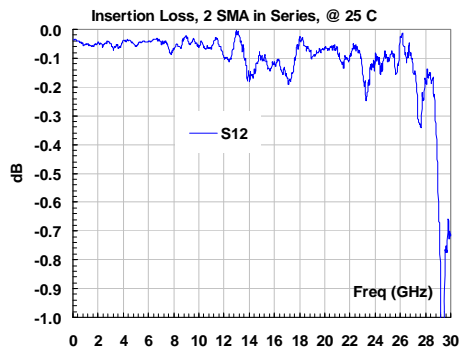
Ordering Information

Model	Gender
WSMA01A	Female
WSMA02A	Male

Specifications (Tested at +25°C)

tem	Symbol	Test Constraints	Min	Nom	Max	Unit
Frequency Range	BW	50 Ohm Impedance	DC		27	GHz
Insertion Loss	S ₁₂	DC – 27 GHz		0.10	0.3	dB
VSWR	SWR	DC – 27 GHz		1.15:1	1.35:1	Ratio
Power Handling	P _o	DC – 27 GHz			50	W
Voltage Withstanding	V _{RMS}	RMS			750	V
Insulation Resistance	R _{IS}	DC			500	MOhm
Operating Temperature	T _o		-55		+125	°C

Typical Performance



Units: INCH
[mm]

Outline

