



Full Band Waveguide WR42 to 2.92mm Adapter



- High power handle capability up to 50W
- Wide band operation
- Low VSWR within operational band
- Low Insertion loss
- Low temperature coefficient ferrite material offer stable performance over temperature
- Aerospace and military application
- High peak to average handle capability
- All specifications can be modified upon request

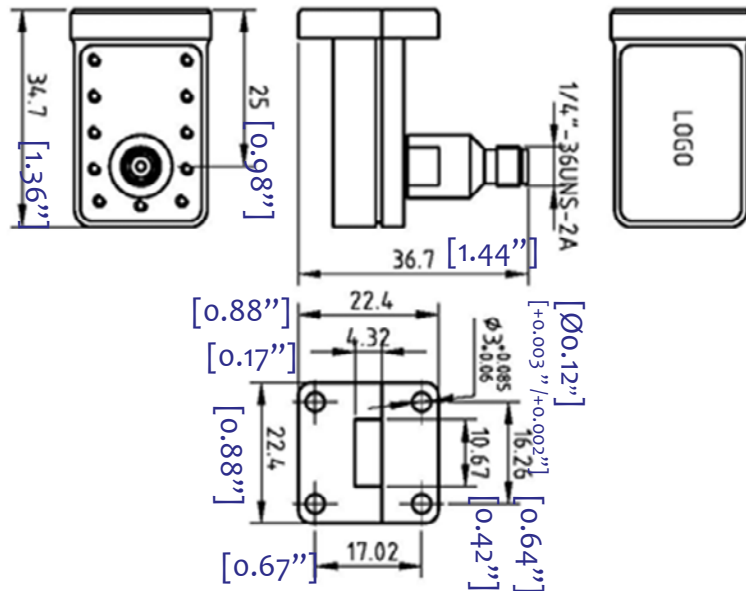
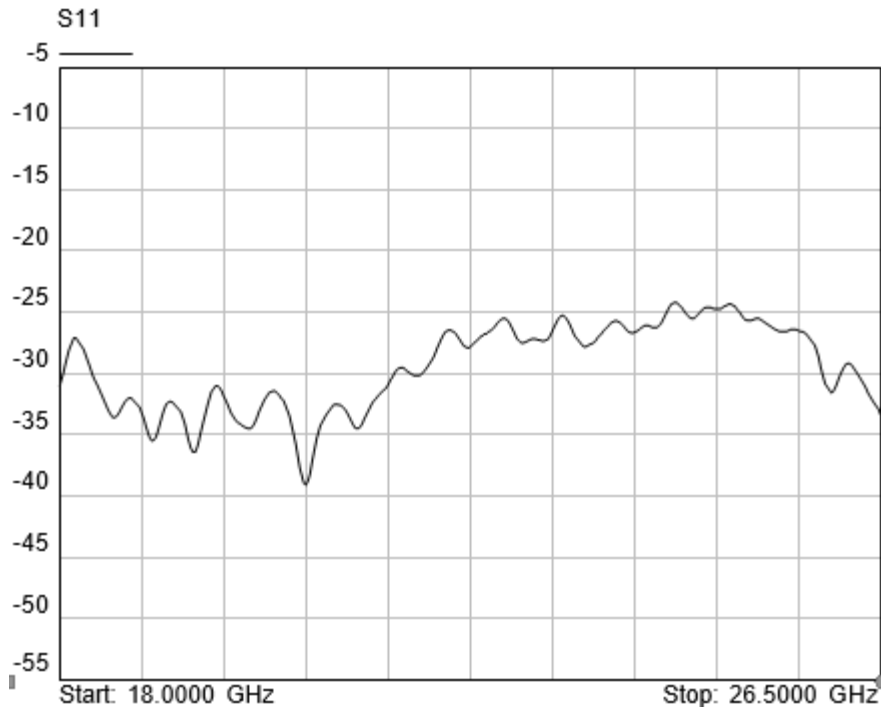
Parameter	Min	Type	Max	Units
Frequency Range	18-26.5			GHz
Insertion Loss	0.05	0.08	0.10	dB
VSWR	1.10	1.15	1.20	:1
Forward Power (CW)			50	W
Weight	29			g
Impedance	50			Ω
Input /Output Connector	3.50mm Female			
Finishing	Electrical Oxidation			
Case Material	Aluminum alloy			
Operational Temp.	-45		85	°C
Storage Temp.	-55		125	°C
Altitude	45000		TBD	ft.
Vibration	10g 15 degree 2KHz			RMS
Humidity	100% RH at 35c, 95%RH at 40°C			
Shock	20G for 11msc.			



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The power beyond expectations

RFWA42E9F



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