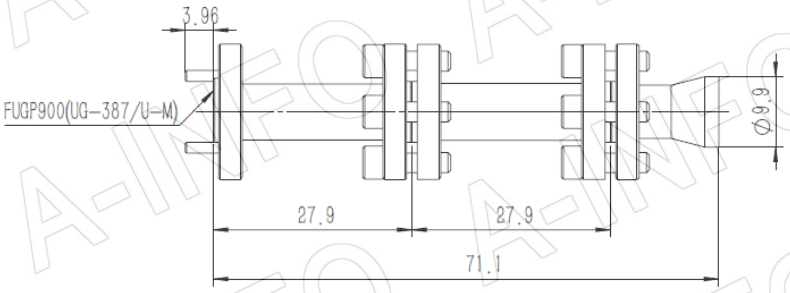
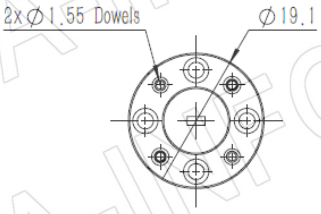
Technical Specification

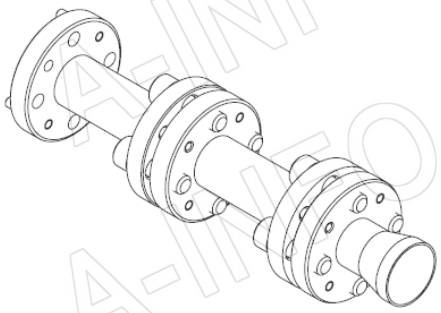
Frequency Range(GHz)	74.0 - 86.0	
Waveguide	WR10	
Gain(dBic)	15 Typ.	
Polarization	RHCP	
Axial Ratio(dB)	2.0 Typ.	
	3.0 Max.	
3dB Beamwidth(deg)	E Plane:	33 Typ.
	H Plane:	33 Typ.
VSWR	A Type:	1.20:1 Max.
	C Type:	1.80:1 Max.
Output	A Type:	FUGP900(UG-387/U-M)
	C Type:	1.0mm-Female
Material	Cu	
Size(mm)	A Type:	19.1 x 19.1 x 71.1
	C Type:	19.1 x 25 x 96.5
Net Weight(Kg)	A Type:	0.06 Around
	C Type:	0.09 Around

Outline Drawing (Size: mm)

FUGP900 Output (P/N: LB-CNH-10-15-R06a-A)







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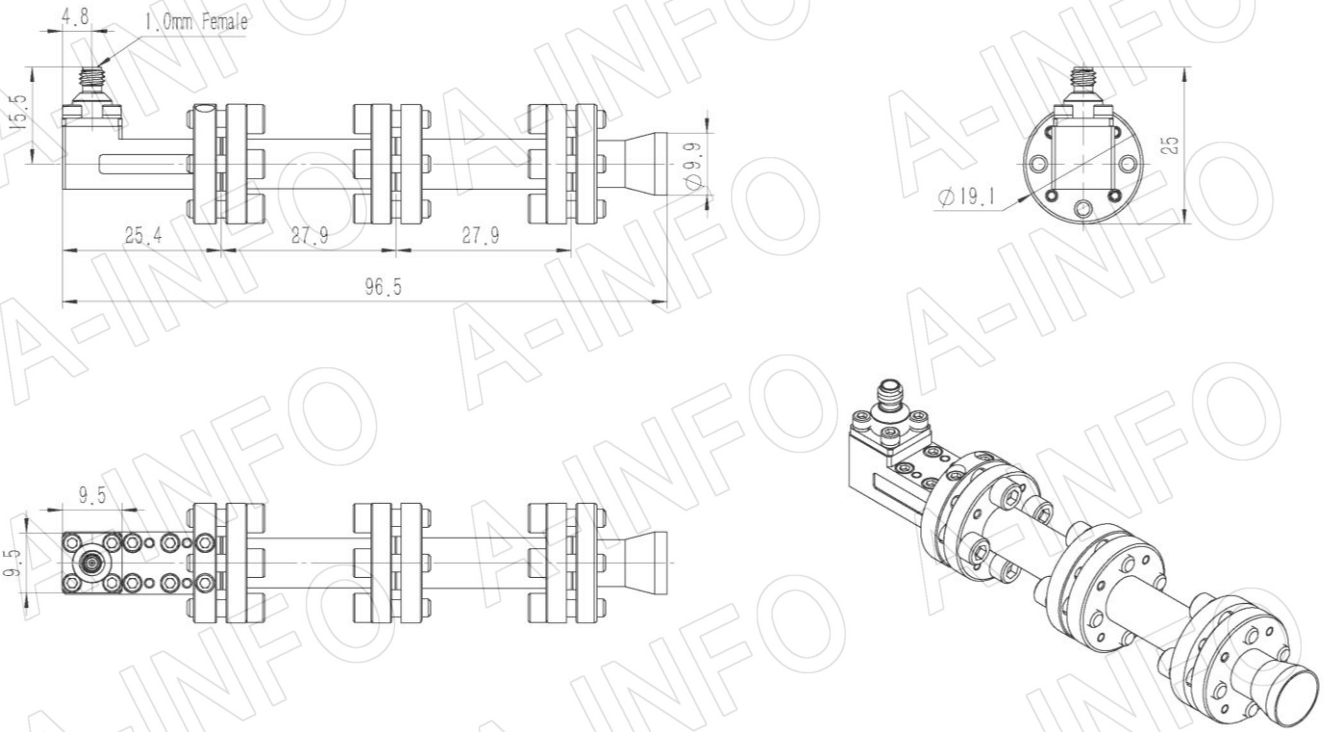
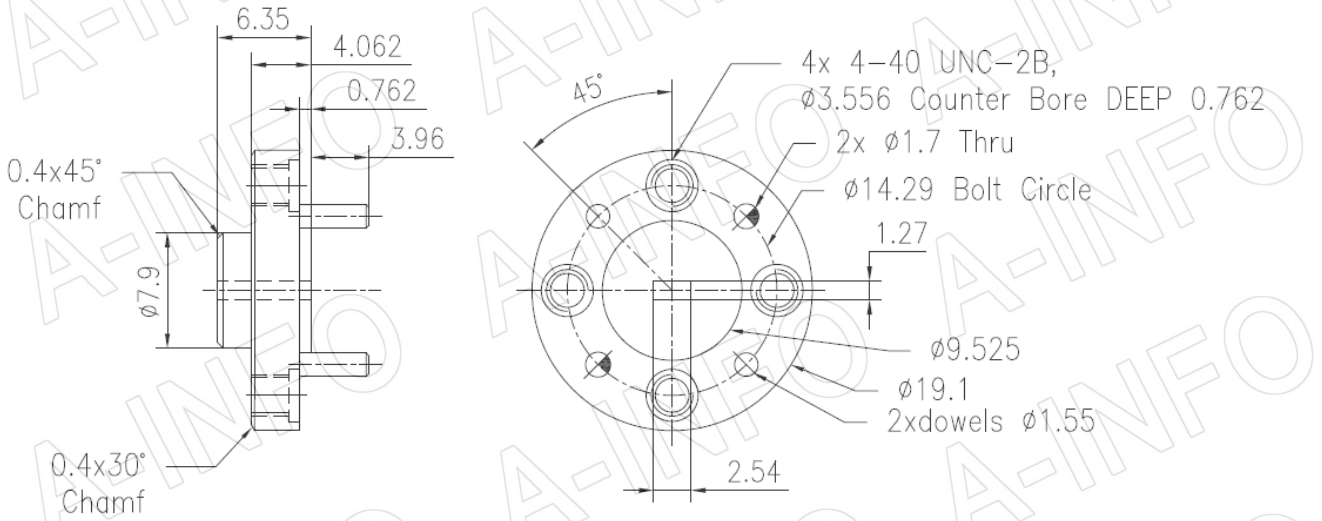
1.0mm-Female Output (P/N: LB-CNH-10-15-R06a-C-1.0F)



Flange Drawing (Size: mm)



FUGP900
(equivalent to UG-387/U-M)

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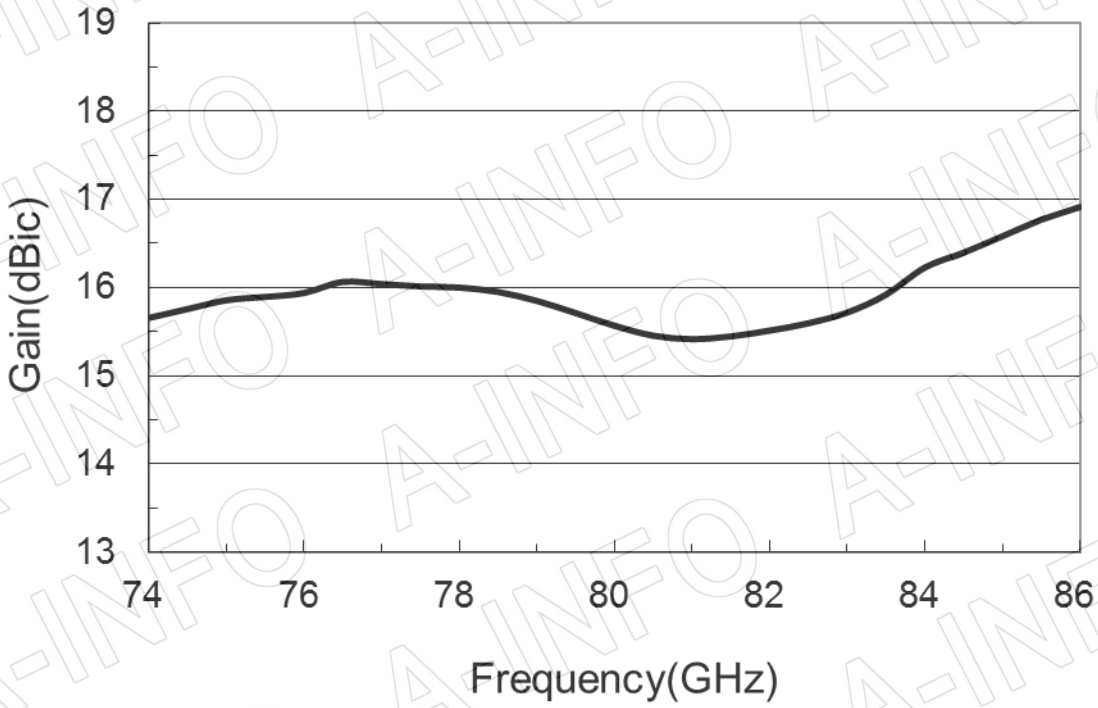
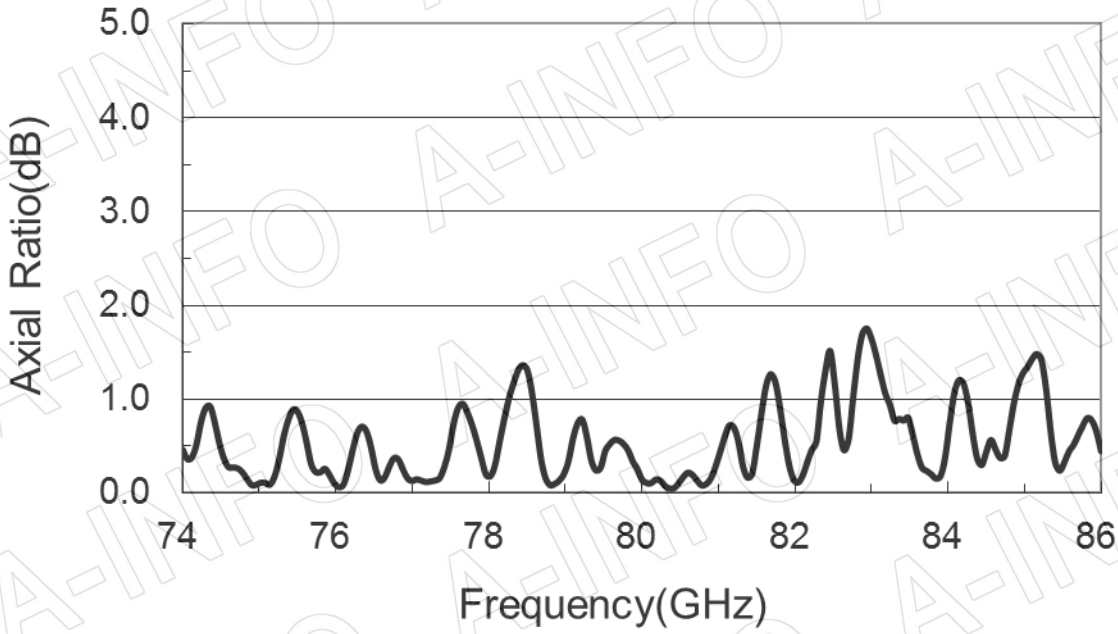
Test Results

1. Gain



2. Axial Ratio



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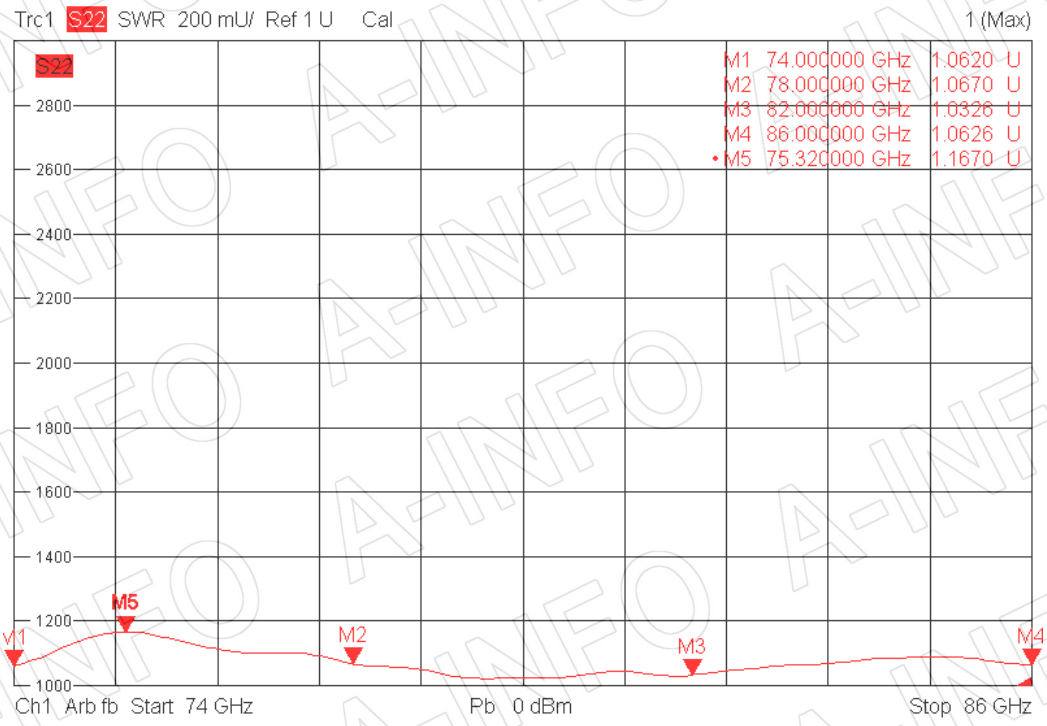
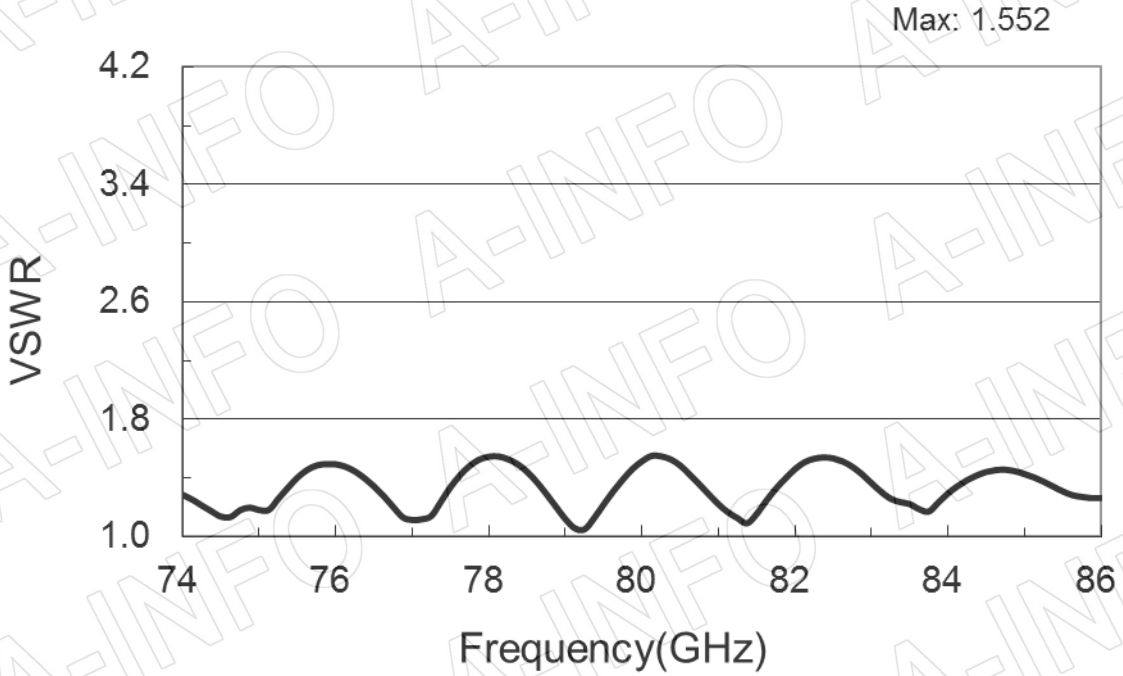
3. VSWR_A Type



VSWR_C Type



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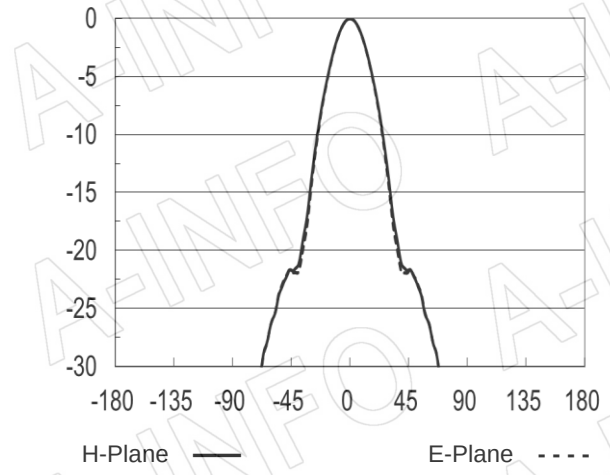
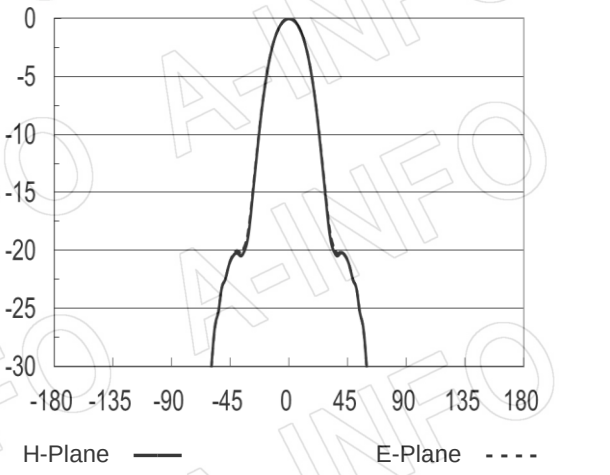
4. Pattern

Frequency: 74.0GHz



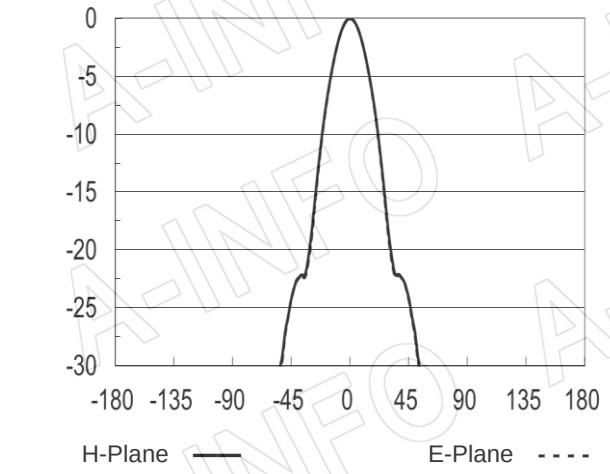
3dB Beamwidth (deg): 32.94 3dB Beamwidth (deg): 32.93

Frequency:80.0GHz



3dB Beamwidth (deg): 32.89 3dB Beamwidth (deg): 32.89

Frequency: 86.0GHz



3dB Beamwidth (deg): 35.27 3dB Beamwidth (deg): 35.26

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