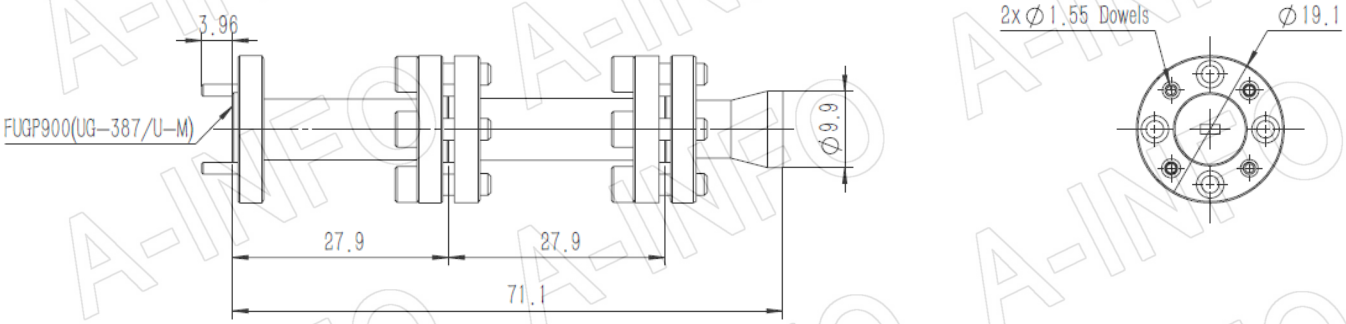
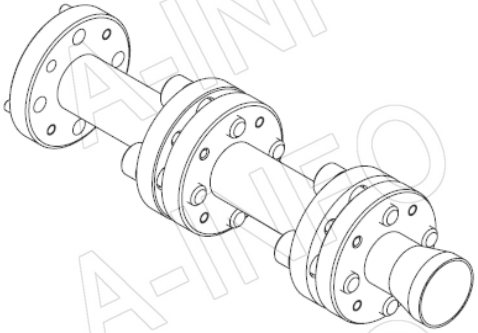
Technical Specification

Frequency Range(GHz)	75.0 - 99.0	
Waveguide	WR10	
Gain(dBic)	15 Typ.	
Polarization	RHCP	
Axial Ratio(dB)	2.0 Typ.	
	3.0 Max.	
3dB Beamwidth(deg)	E Plane:	35 Typ.
	H Plane:	35 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:	Around 0.06
	C Type:	Around 0.09

Outline Drawing (Size: mm)

FUGP900 Output (P/N: LB-CNH-10-15-R06-A)

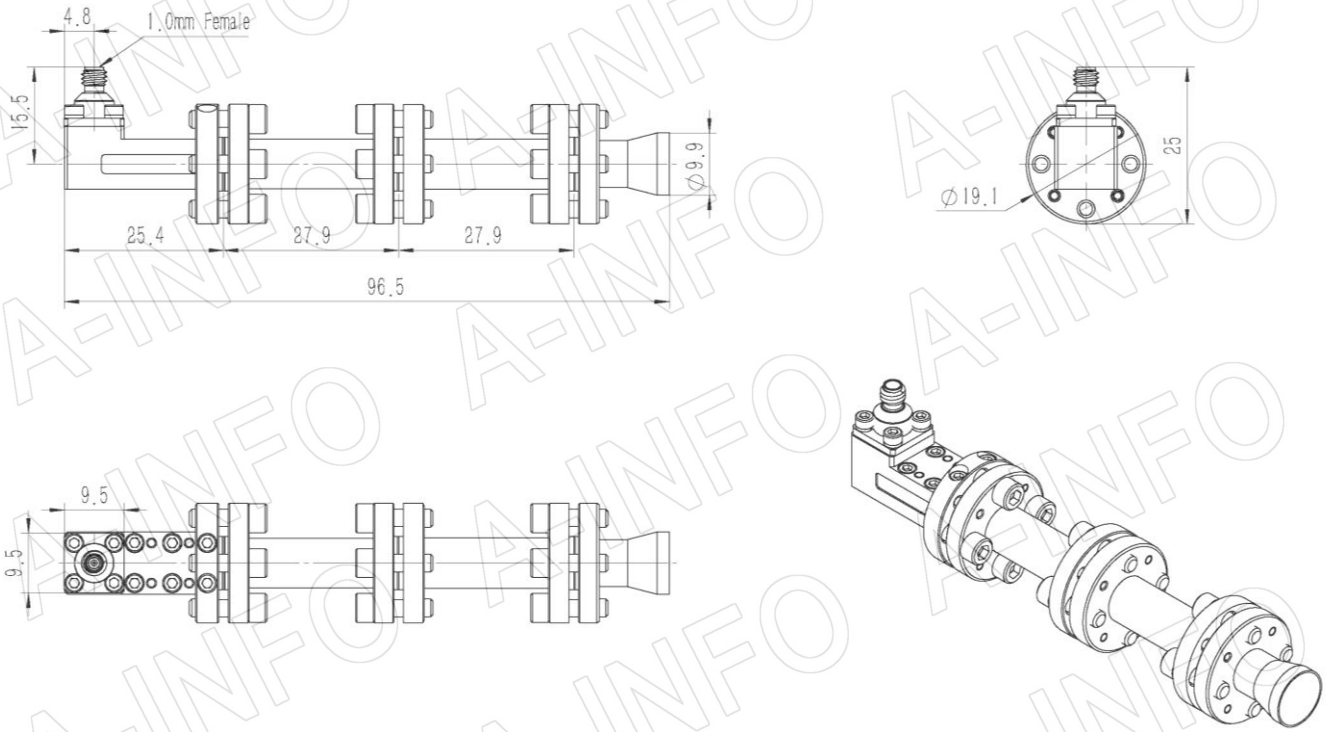




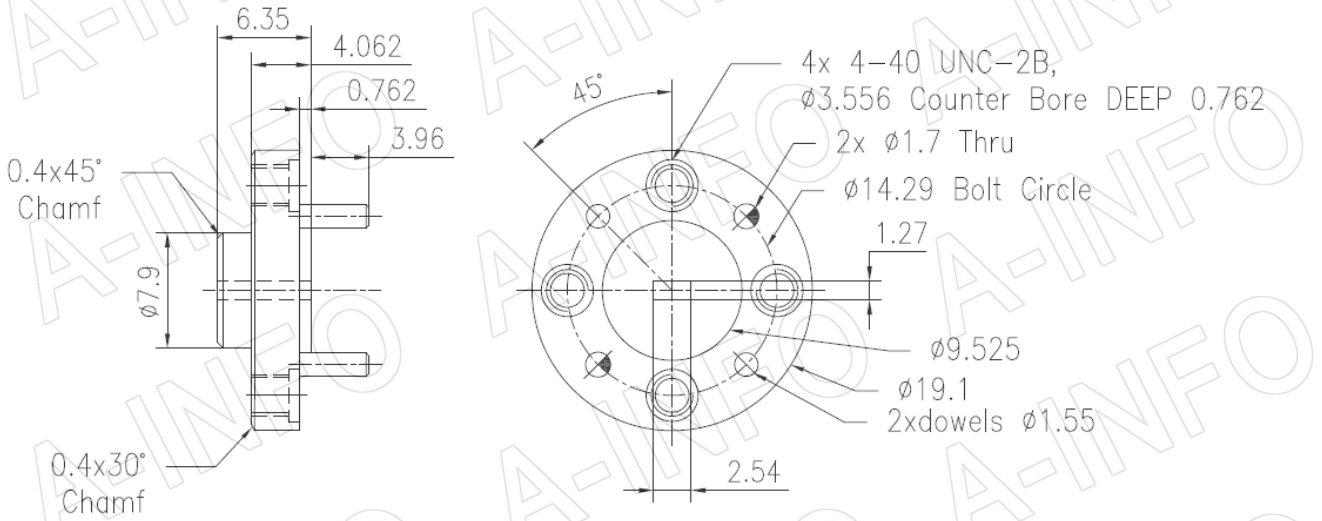
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

1.0mm-Female Output (P/N: LB-CNH-10-15-R06-C-1.0F)



Flange Drawing (Size: mm)



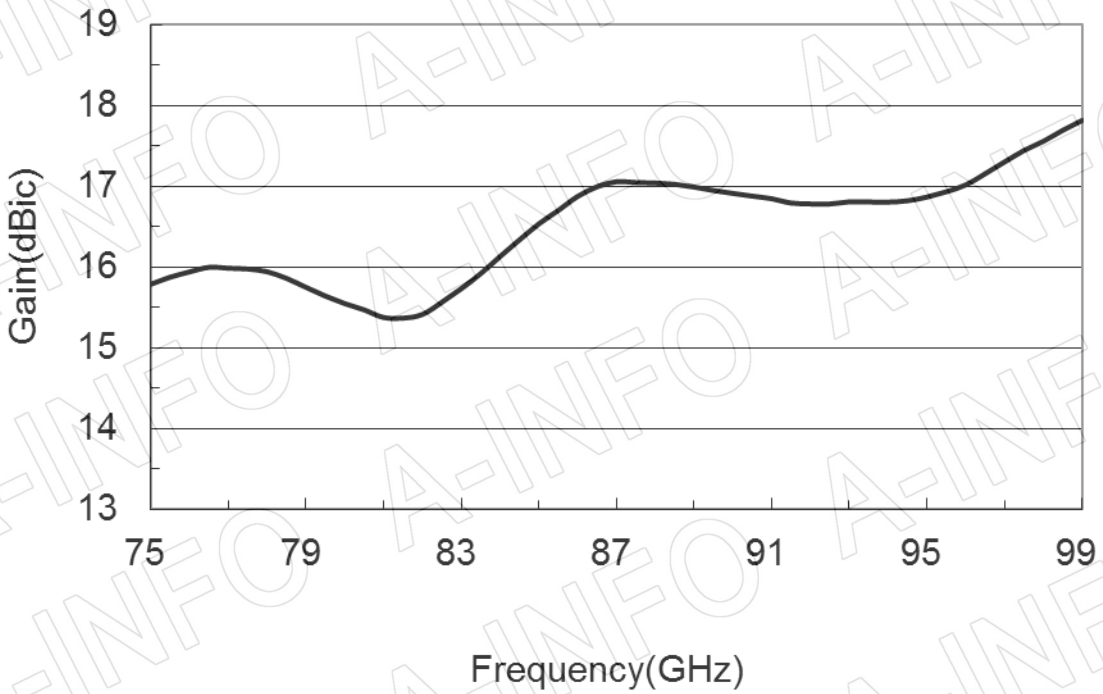
FUGP900
(equivalent to UG-387/U-M)

China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

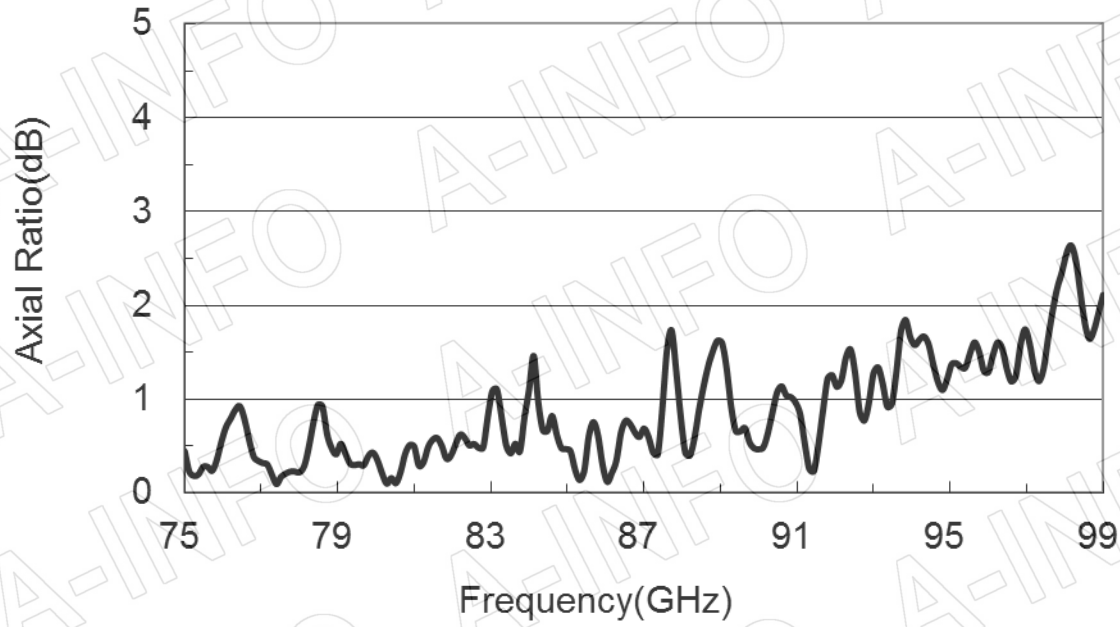
Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

Test Results

1. Gain & Antenna Factor



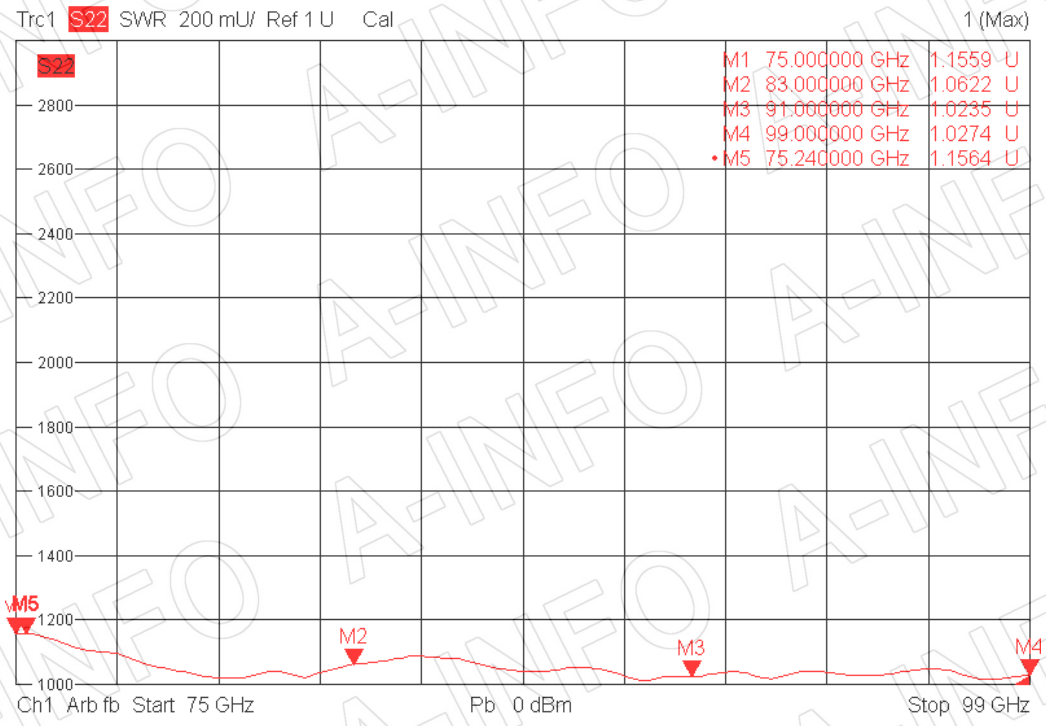
2. Axial Ratio



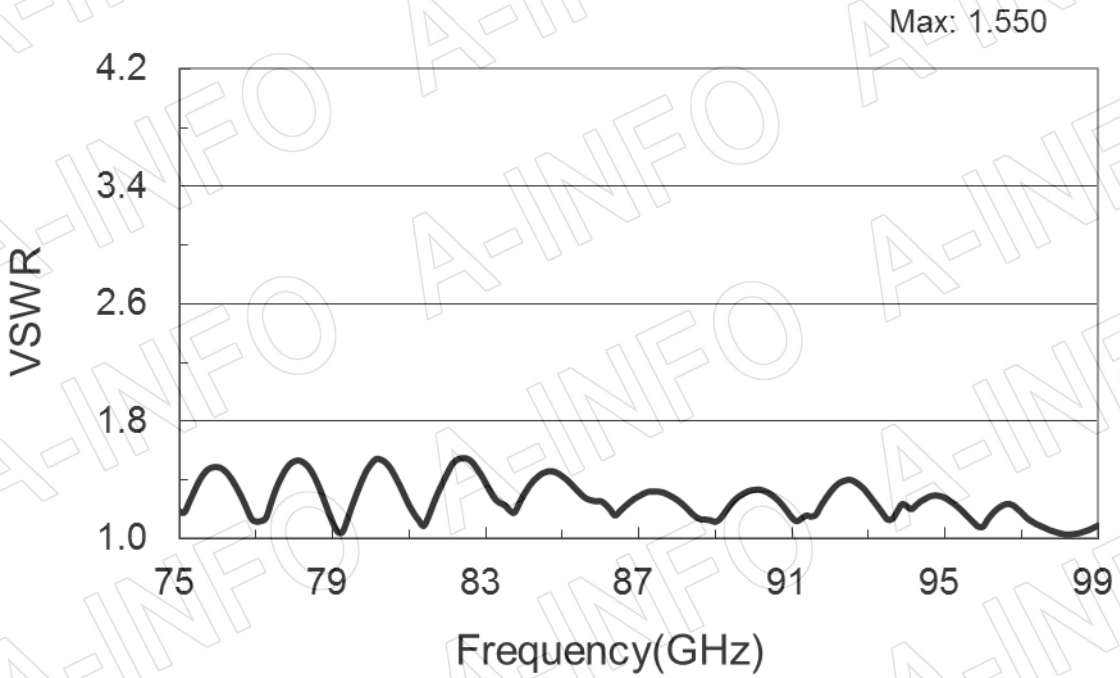
China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

3. VSWR_A Type



VSWR_C Type

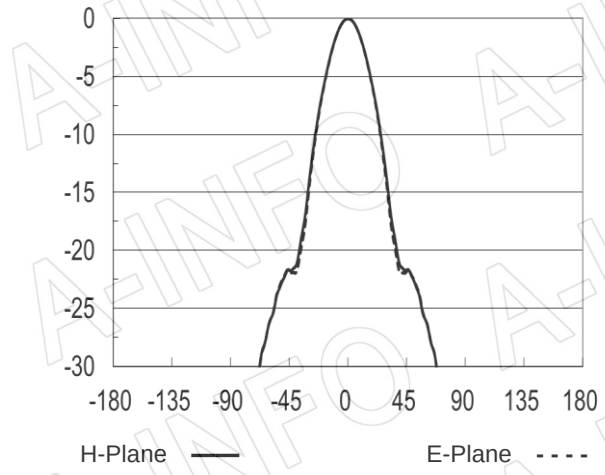


China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com

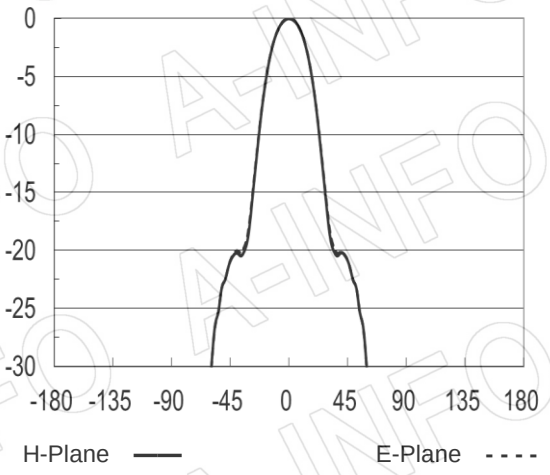
4. Pattern

Frequency: 75.0GHz



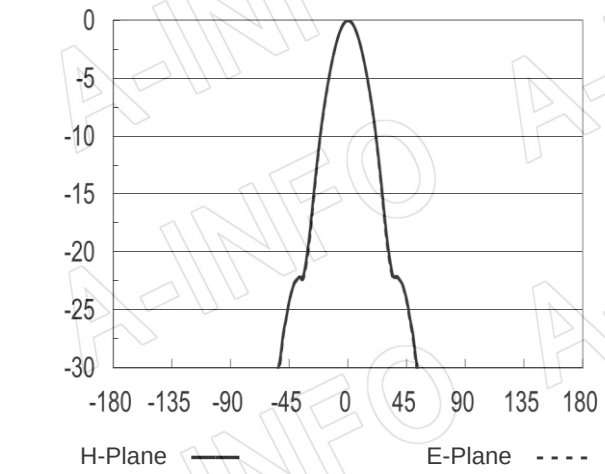
3dB Beamwidth (deg): 33.29 3dB Beamwidth (deg): 33.29

Frequency:87.0GHz



3dB Beamwidth (deg): 35.28 3dB Beamwidth (deg): 35.28

Frequency: 99.0GHz



3dB Beamwidth (deg): 37.11 3dB Beamwidth (deg): 37.12

China(Beijing): Tel: (+86) 10-6266-7326, (+86) 10-6266-7327 Fax: (+86) 10-6266-7379
China(Chengdu): Tel: (+86) 28-8519-2786, (+86) 28-8519-3044 Fax: (+86) 28-8519-3068 Website: www.ainfoinc.com
USA : Tel: (+1) 949-639-9688, (+1) 949-639-9608 Fax: (+1) 949-639-9670 Email: sales@ainfoinc.com

Data subject to change without notice. For current data sheets, please contact: Sales@ainfoinc.com