

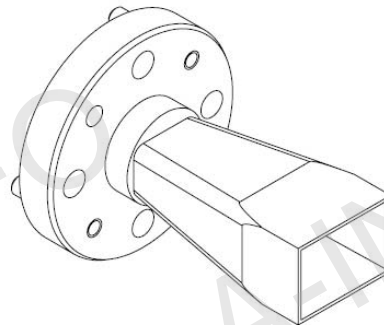
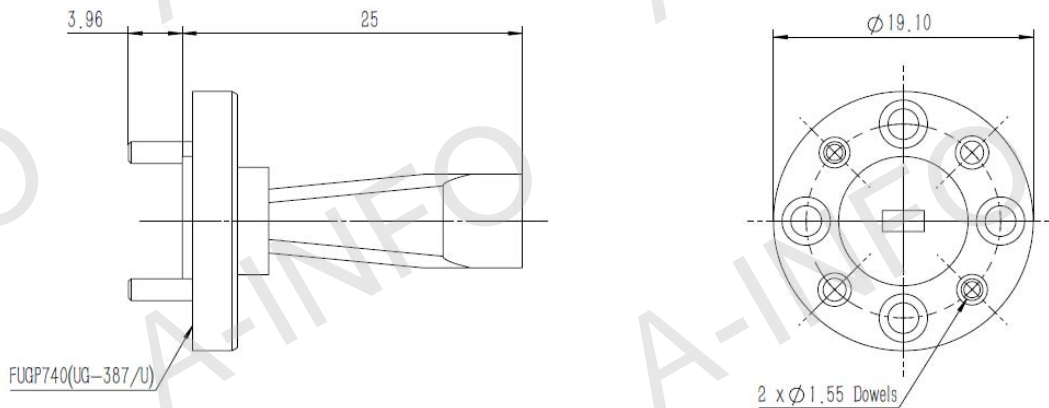
Technical Specification



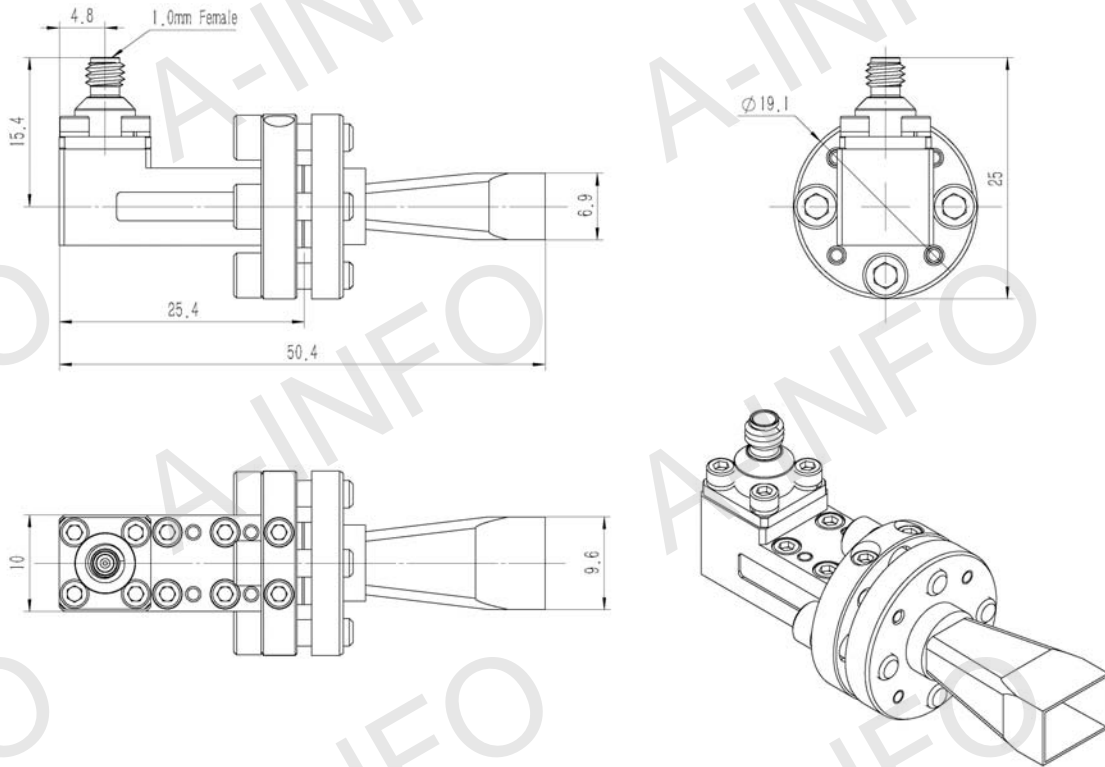
Frequency Range(GHz)	60.0 - 90.0	
Waveguide	WR12	
Gain(dBi)	15 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	30 Typ.	
Cross Pol. Isolation(dB)	35 Typ.	
VSWR	A Type:	1.15:1 Typ.
	C Type:	1.40:1 Typ.
Output	A Type:	FUGP740(UG-387/U)
	C Type:	1.0mm-Female
Material	Cu	
Size(mm)	A Type:	19.1 x 19.1 x 25
	C Type:	19.1 x 25 x 50.4
Net Weight(Kg)	A Type:	0.01 Around
	C Type:	0.03 Around

Outline Drawing (Size: mm)

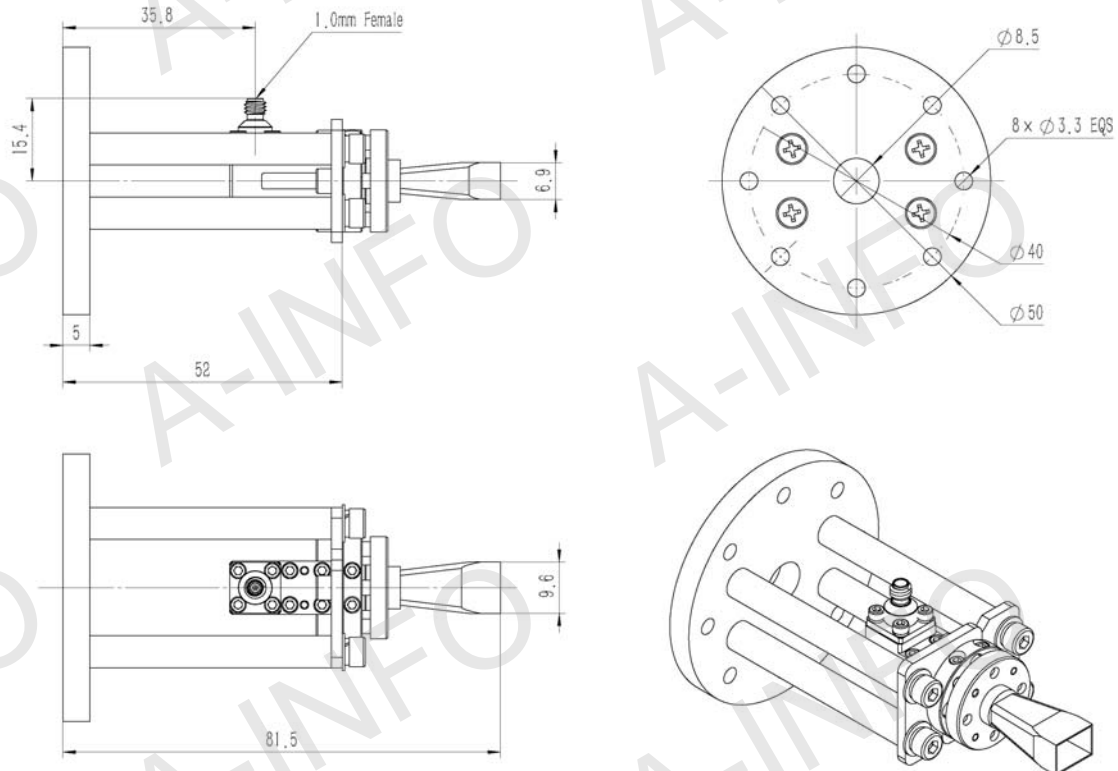
FUGP740 Output (P/N: LB-12-15-A)



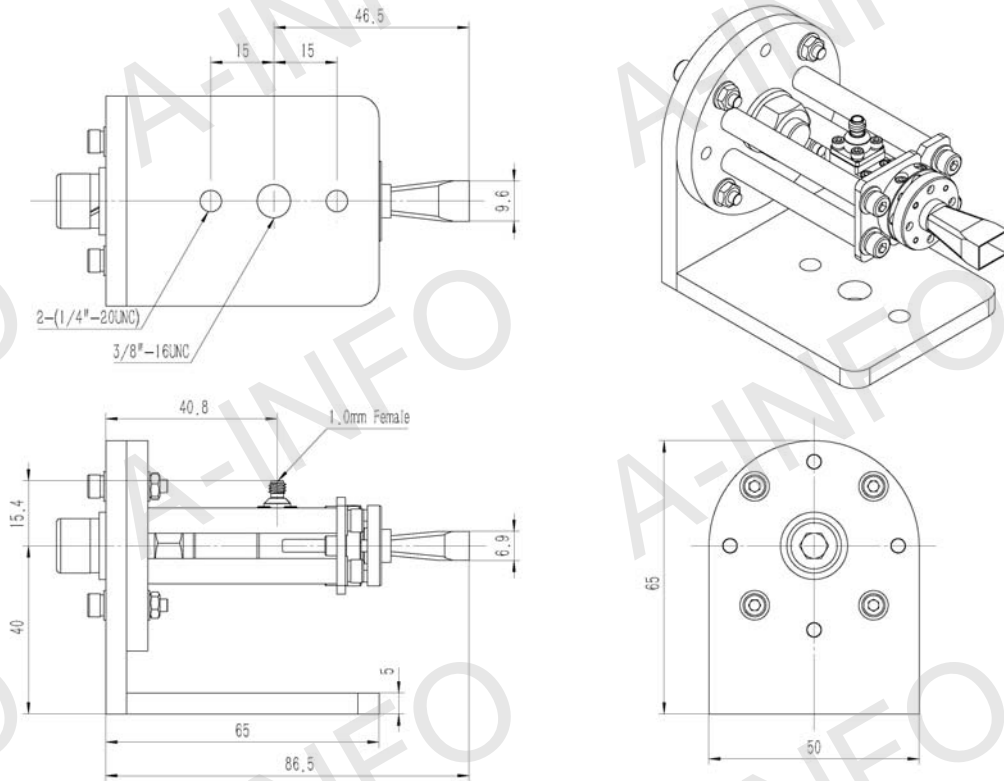
1.0mm-Female Output (P/N: LB-12-15-C-1.0F)



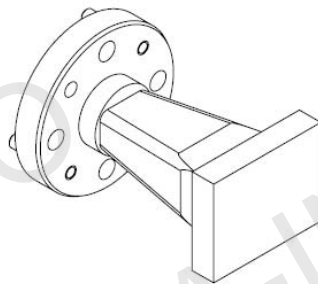
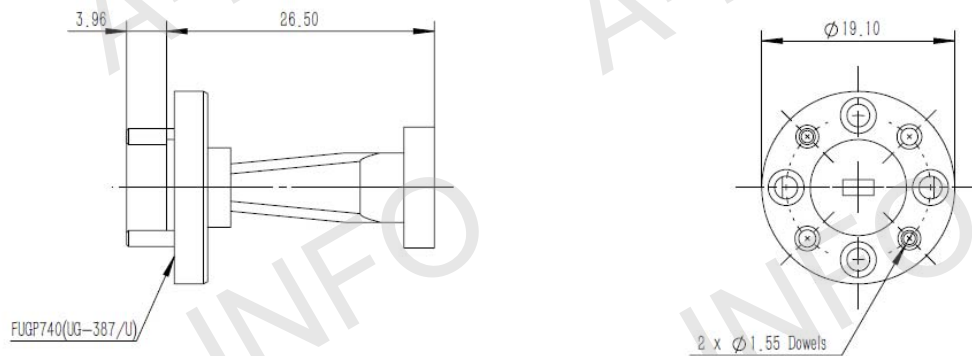
1.0mm-Female Output with Round Mounting Bracket (Option, P/N: LB-15-10-C-MB)



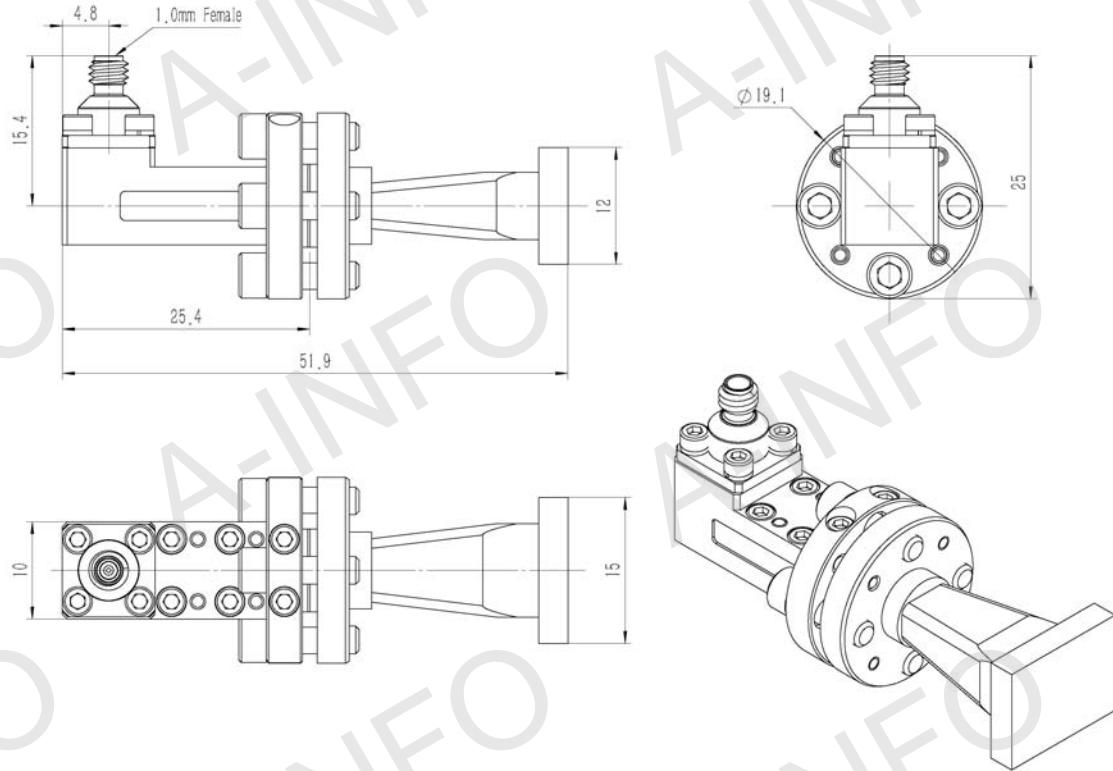
1.0mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-15-10-C-MBL)



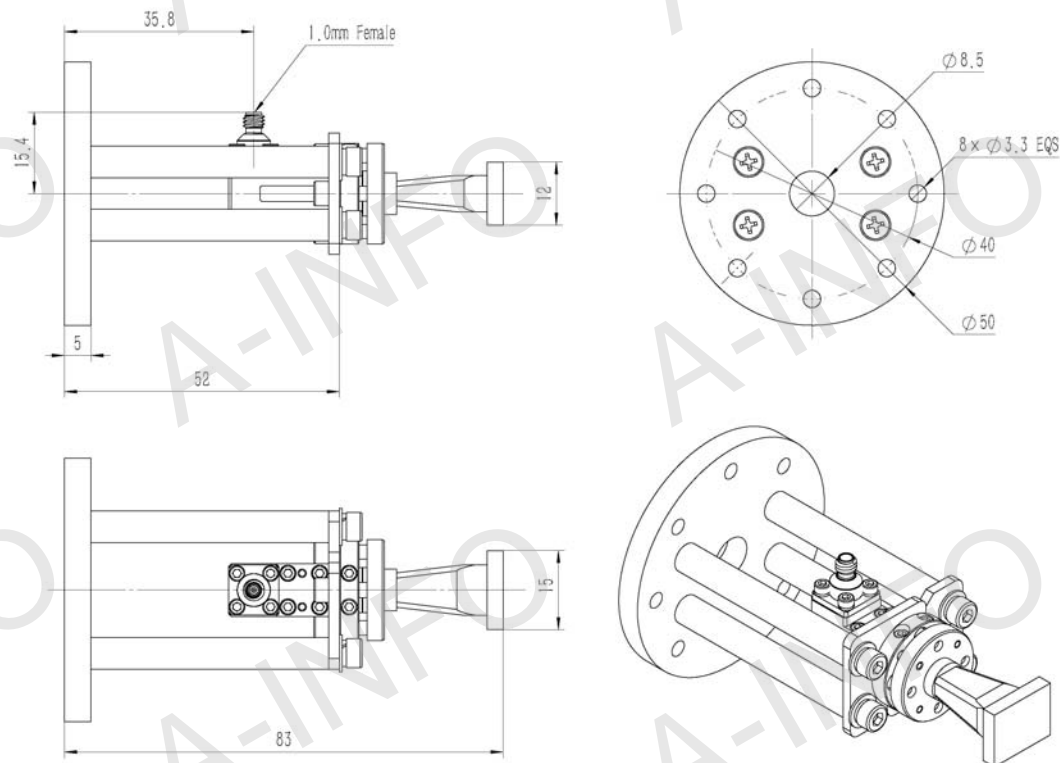
FUGP740 Output With Radome (Option, P/N: LB-12-15-ASPO, Outdoor Application)



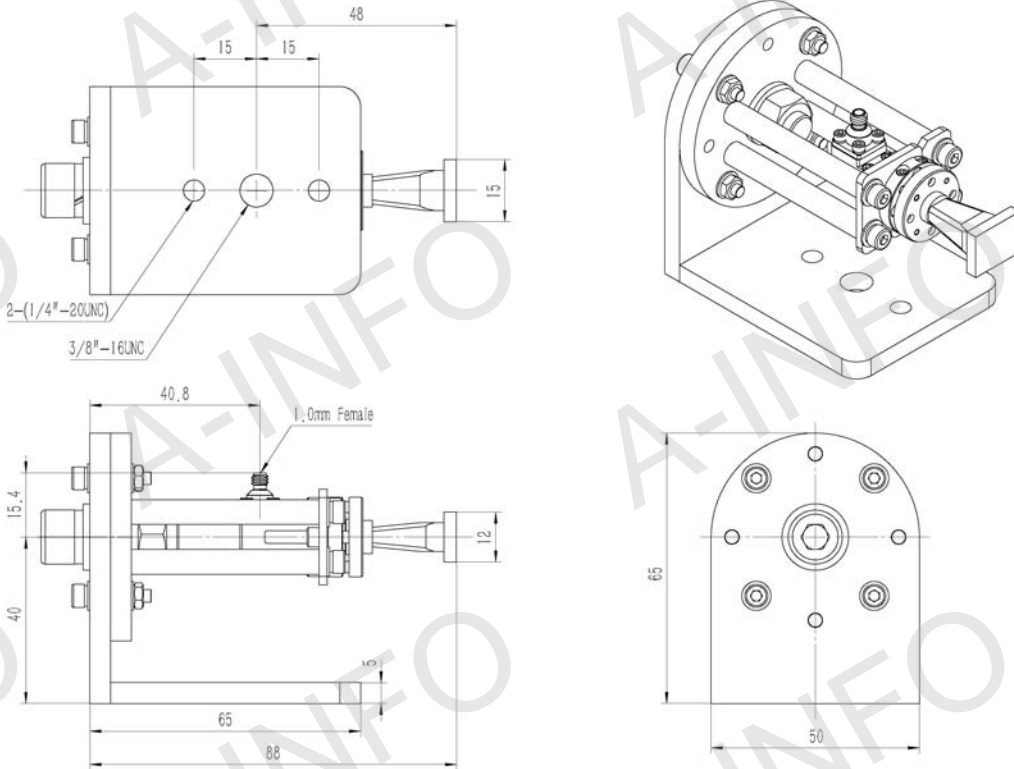
1.0mm-Female Output with Radome (Option, P/N: LB-12-15-C-1.0FSPO, Outdoor Application)



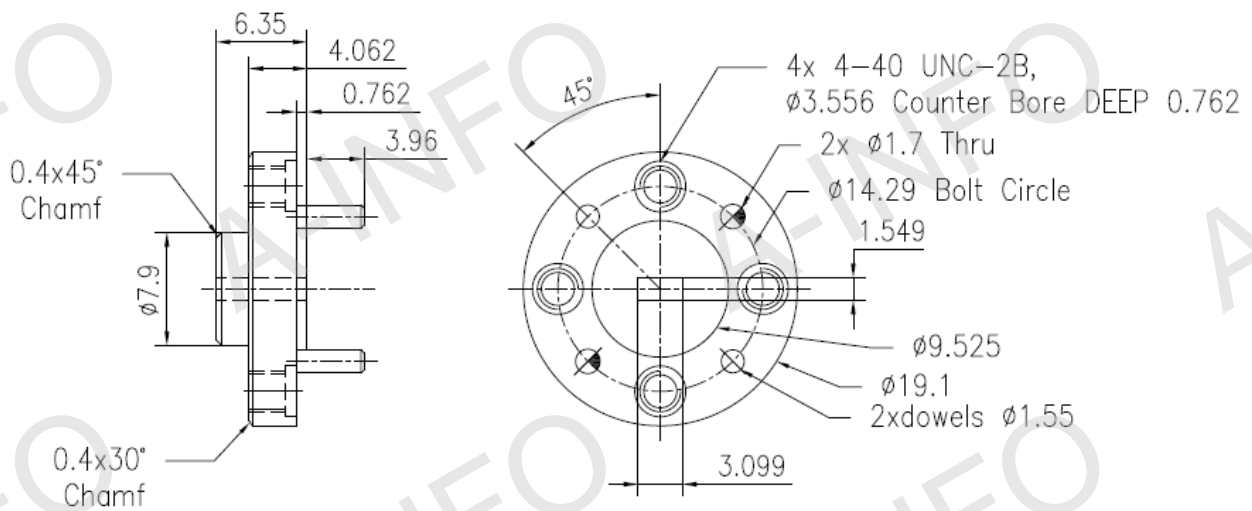
1.0mm-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-15-10-C-MB & LB-12-15-C-1.0FSPO, Outdoor Application)



1.0mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-15-10-C-MBL & LB-12-15-C-1.0FSPO, Outdoor Application)



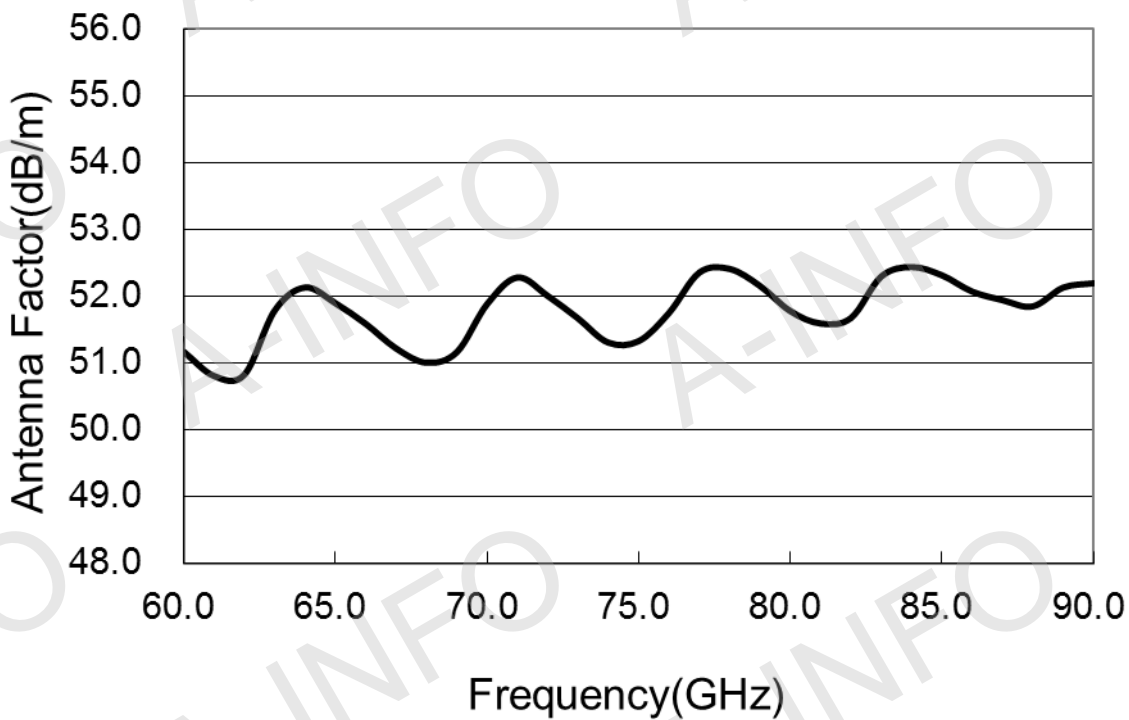
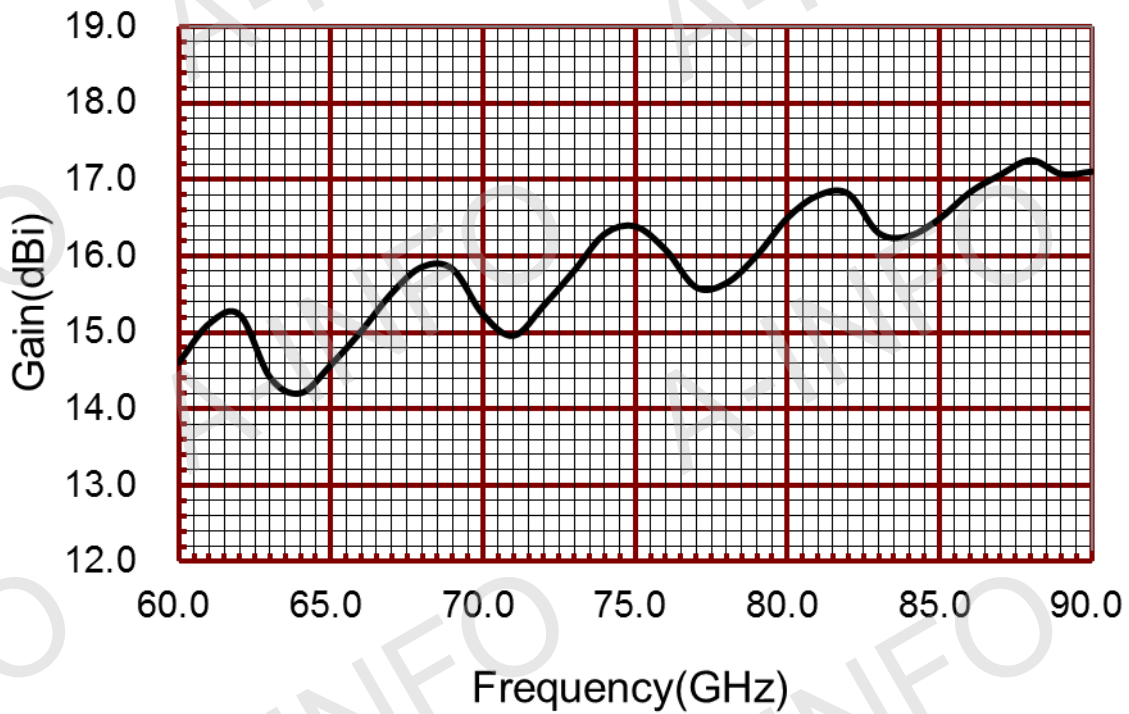
Flange Drawing (Size: mm)



FUGP740
(equivalent to UG-387/U)

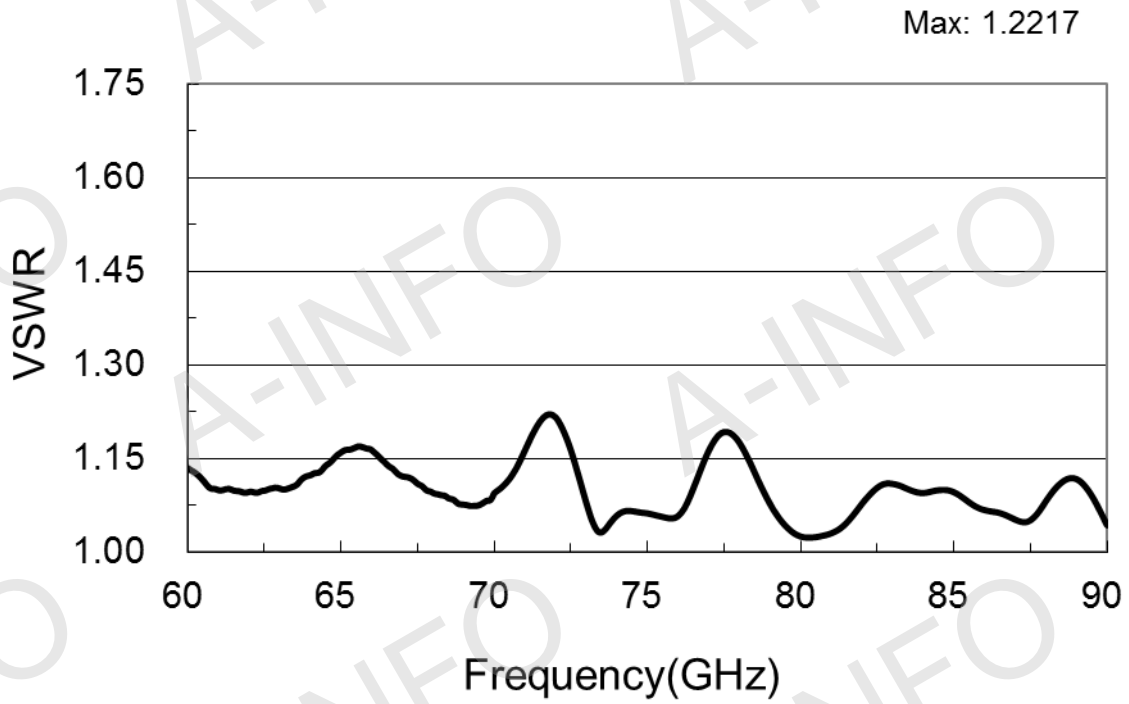
Test Results

1. Gain & Antenna Factor

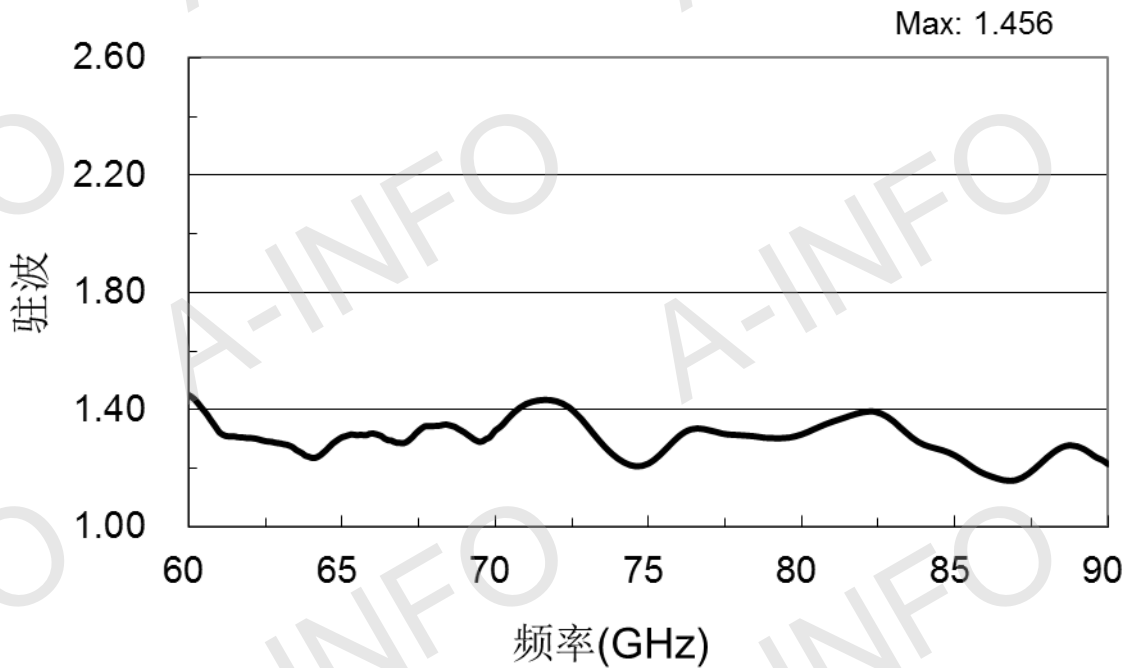


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
60	14.61	51.17
61	15.11	50.80
62	15.23	50.82
63	14.41	51.79
64	14.20	52.13
65	14.58	51.89
66	15.02	51.58
67	15.52	51.22
68	15.86	51.00
69	15.83	51.16
70	15.23	51.88
71	14.96	52.28
72	15.35	52.00
73	15.81	51.67
74	16.29	51.30
75	16.39	51.33
76	16.08	51.75
77	15.59	52.35
78	15.65	52.41
79	16.01	52.15
80	16.50	51.77
81	16.79	51.59
82	16.81	51.67
83	16.30	52.29
84	16.26	52.43
85	16.49	52.31
86	16.83	52.07
87	17.06	51.94
88	17.25	51.85
89	17.07	52.13
90	17.10	52.19

2. VSWR_A Type



VSWR_C Type



3. Pattern

