

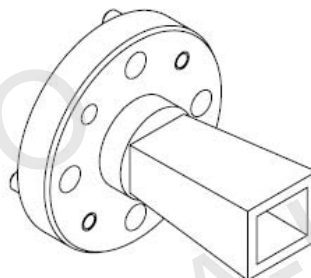
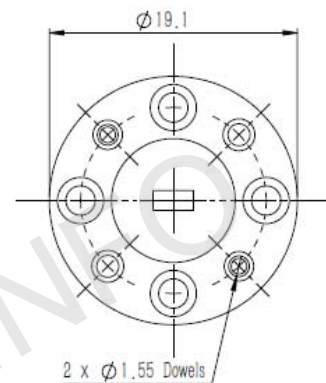
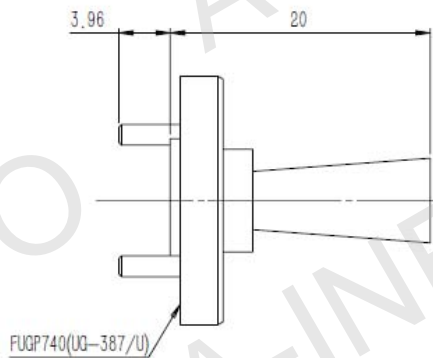
## Technical Specification



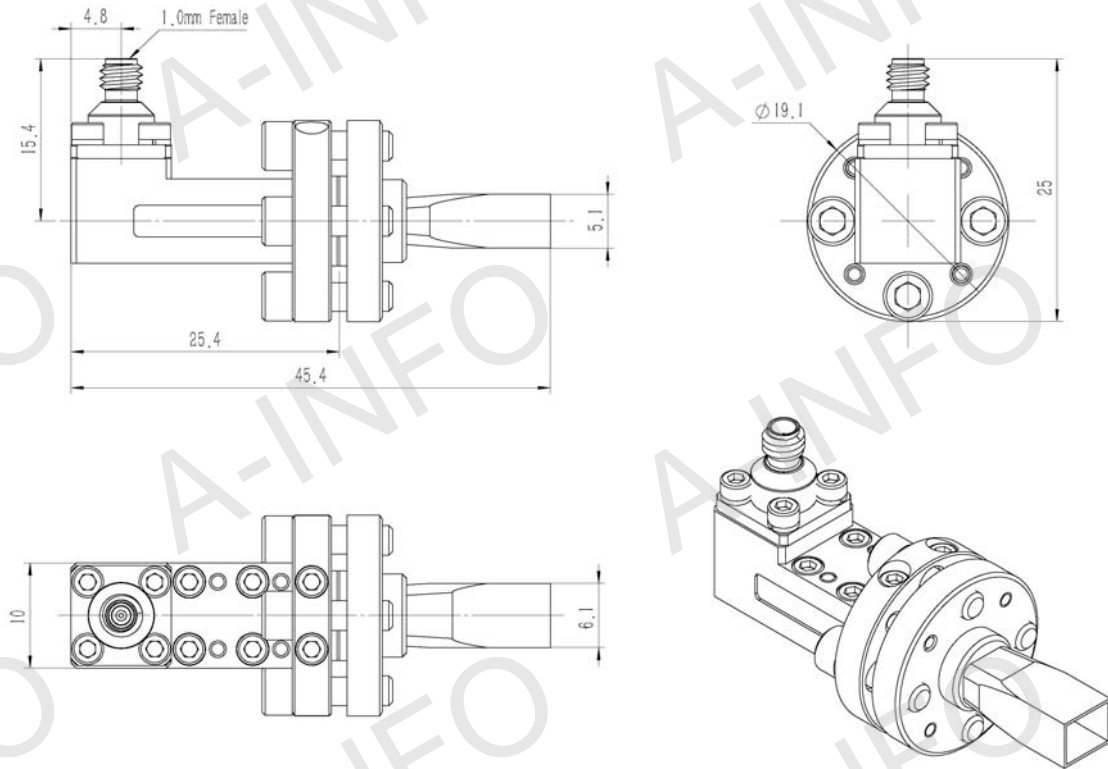
Frequency Range(GHz)	60.0 - 90.0
Waveguide	WR12
Gain(dBi)	10 Typ.
Polarization	Linear
3dB Beamwidth(deg)	48 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	A Type: 1.20:1 Typ.
	C Type: 1.40:1 Typ.
Output	A Type: FUGP740(UG-387/U)
	C Type: 1.0mm-Female
Material	Cu
Size(mm)	A Type: 19.1 x 19.1 x 20
	C Type: 19.1 x 25 x 45.4
Net Weight(Kg)	A Type: 0.01 Around
	C Type: 0.03 Around

### Outline Drawing (Size: mm)

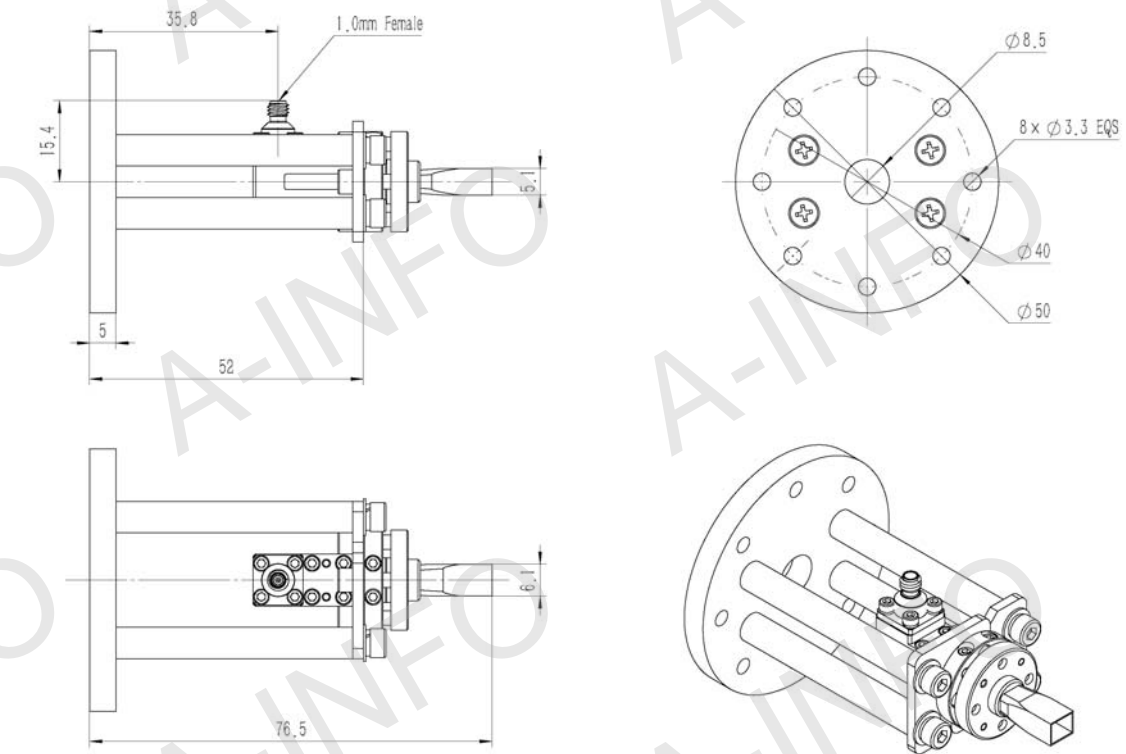
FUGP740 Output (P/N: LB-12-10-A)



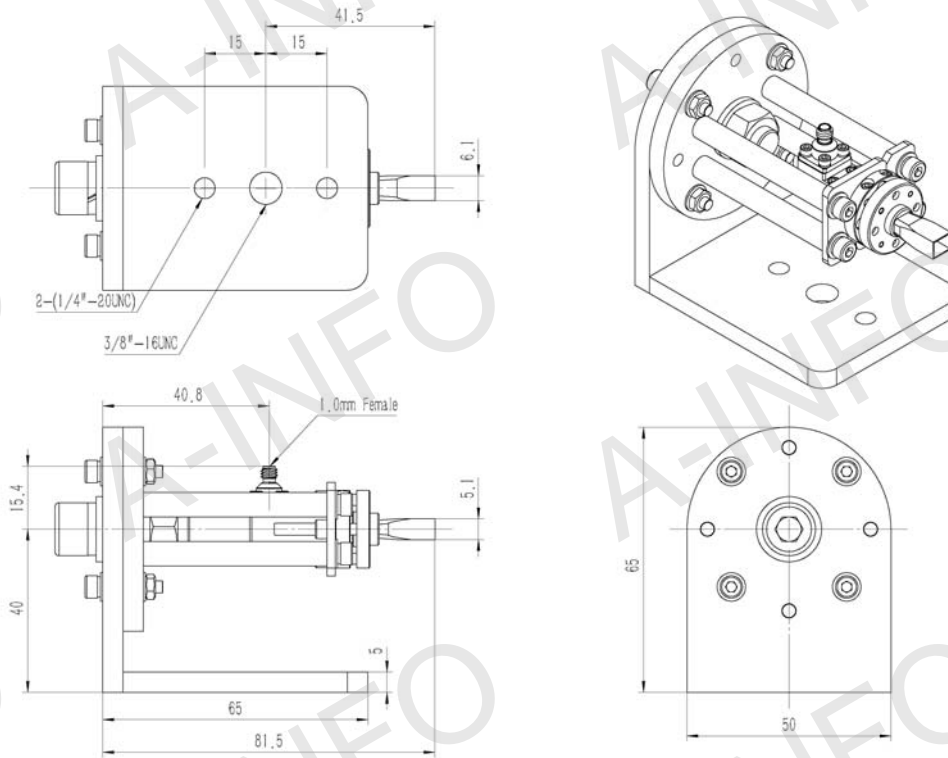
1.0mm-Female Output (P/N: LB-12-10-C-1.0F)



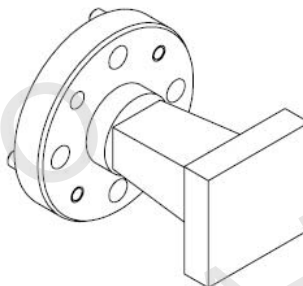
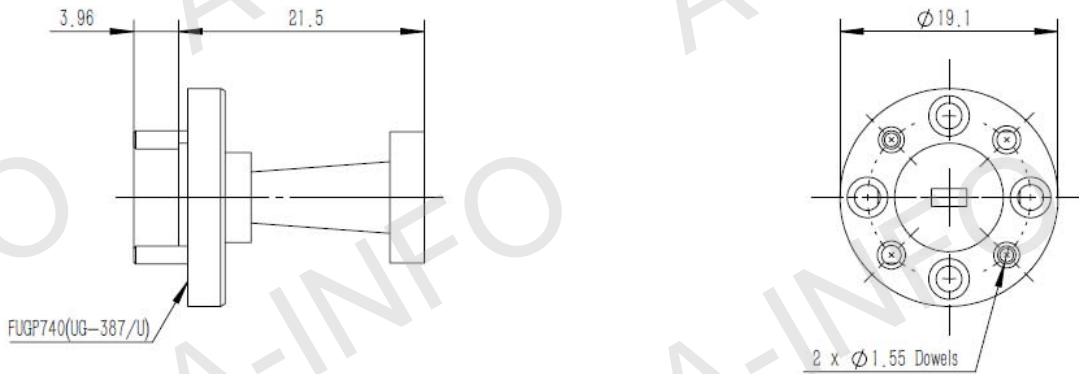
1.0mm-Female Output with Round Mounting Bracket (Option, P/N: LB-15-10-C-MB)



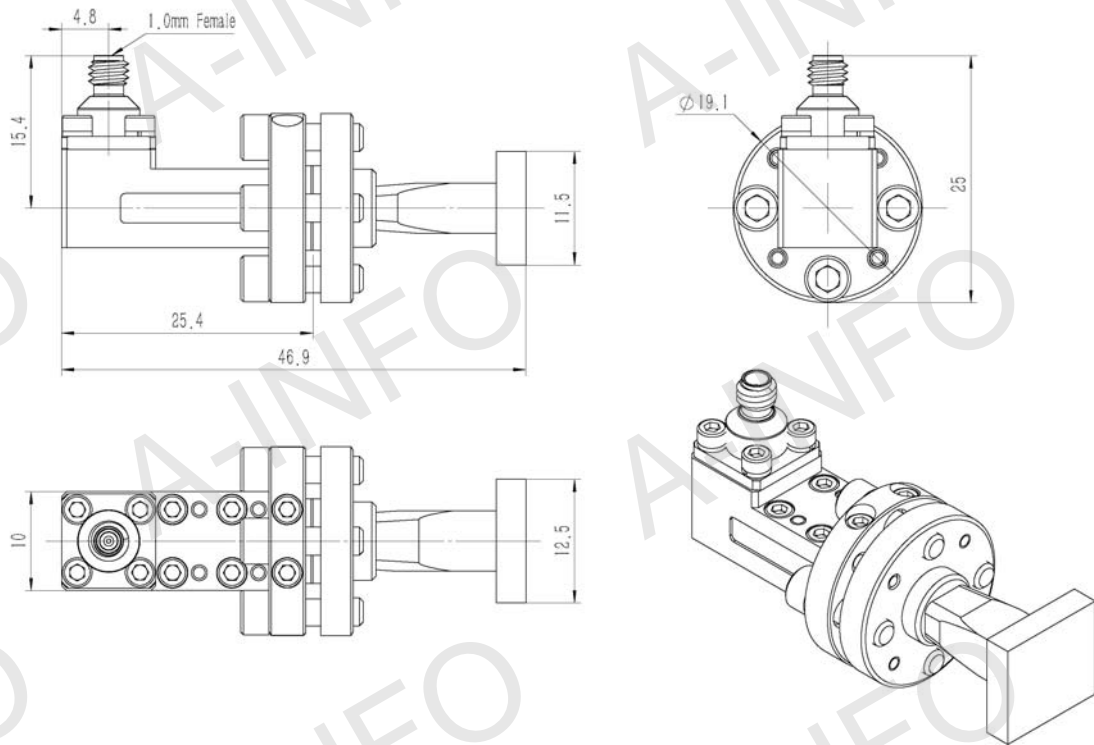
1.0mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-15-10-C-MBL)



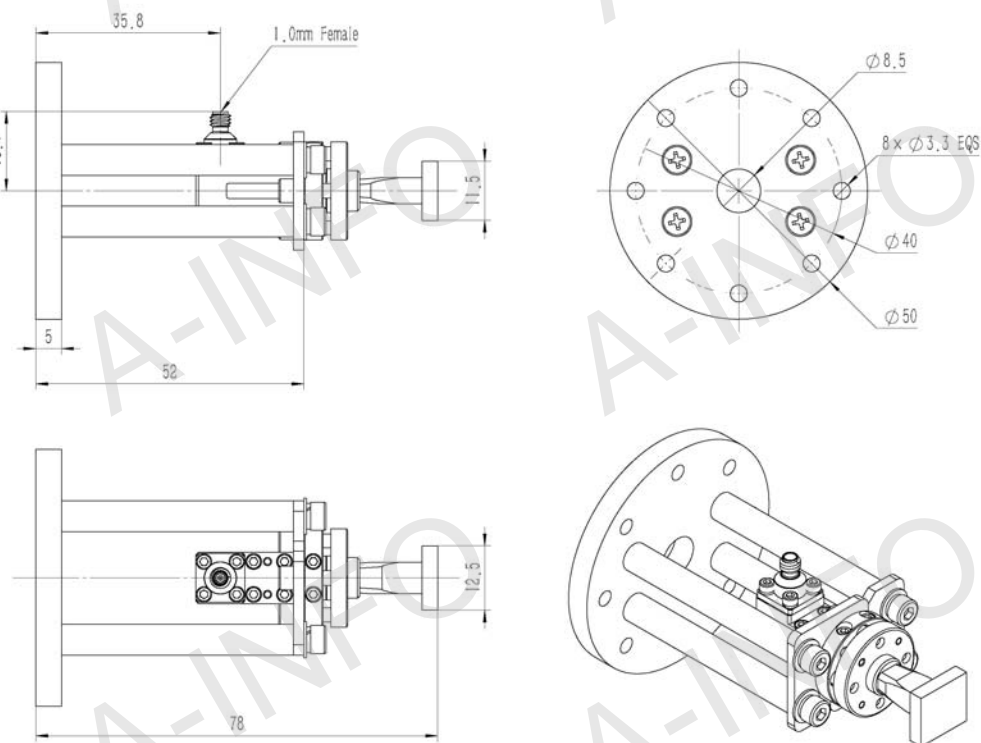
FUGP740 Output With Radome (Option, P/N: LB-12-10-ASPO, Outdoor Application)



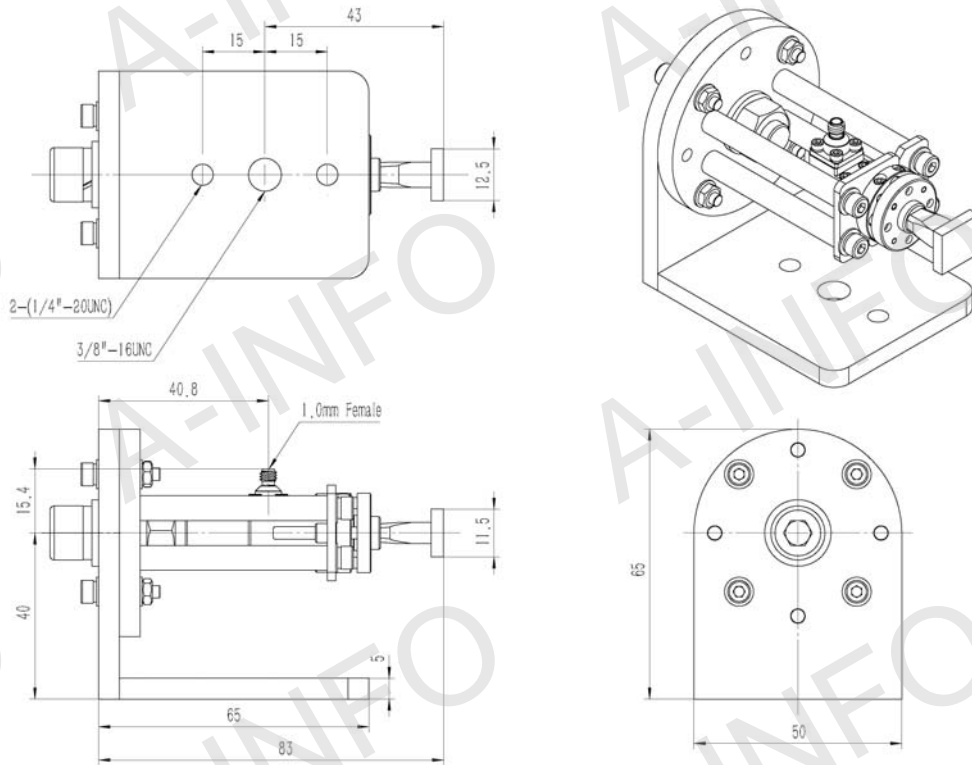
1.0mm-Female Output with Radome (Option, P/N: LB-12-10-C-1.0FSPO, Outdoor Application)



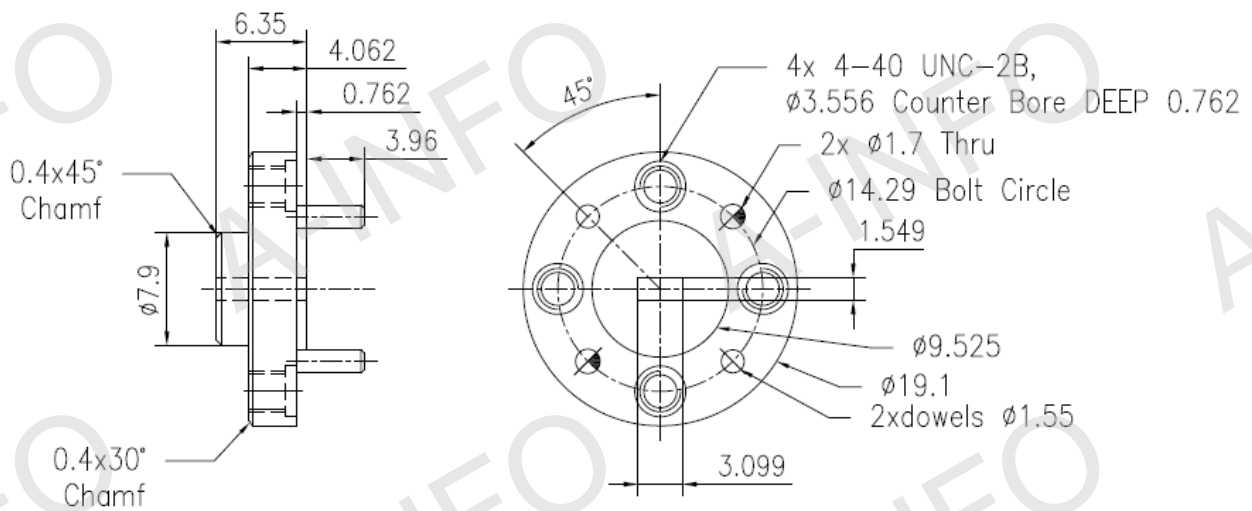
1.0mm-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-15-10-C-MB & LB-12-10-C-1.0FSPO, Outdoor Application)



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



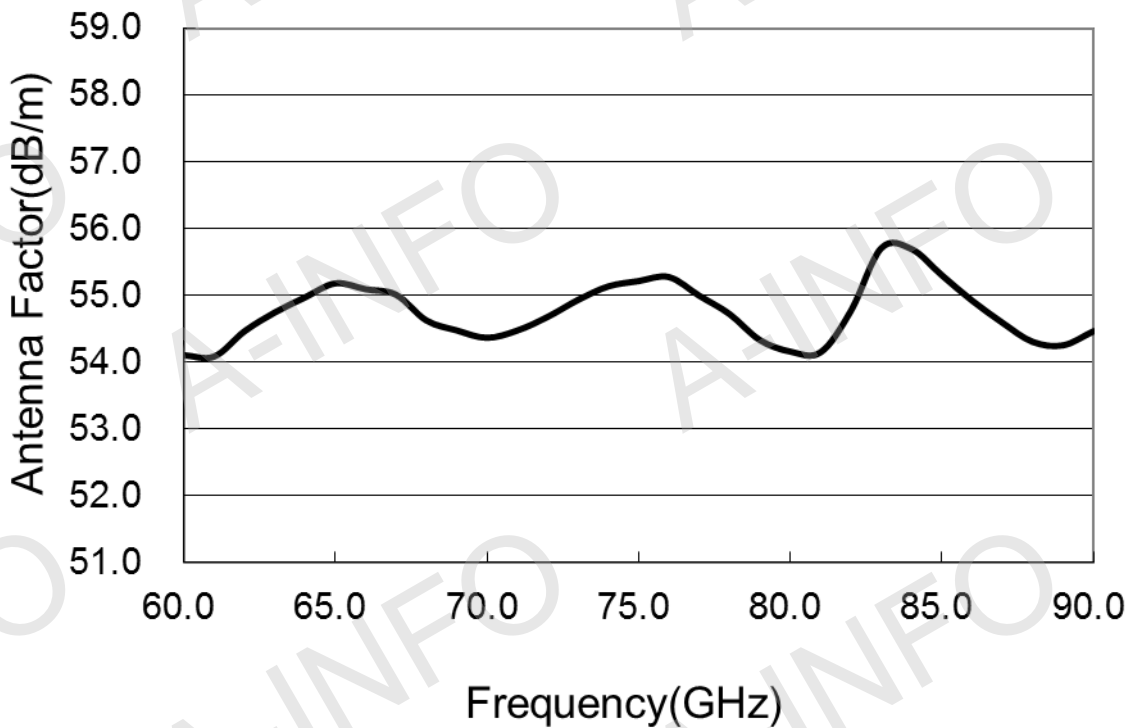
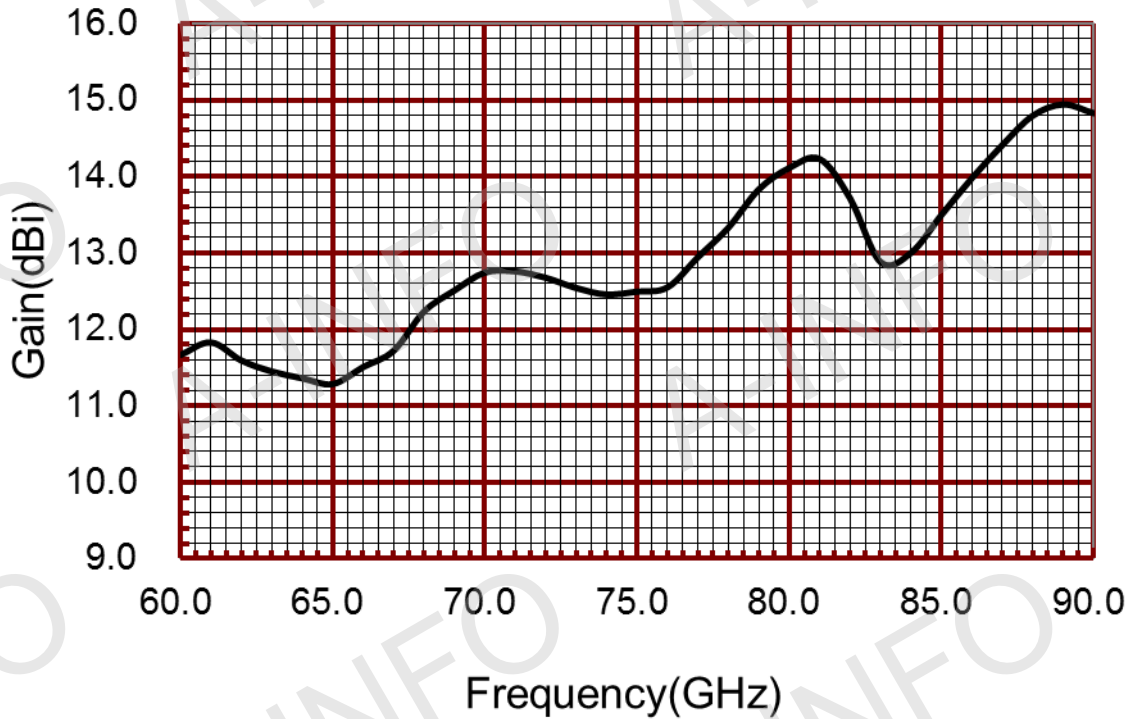
## Flange Drawing (Size: mm)



FUGP740  
(equivalent to UG-387/U)

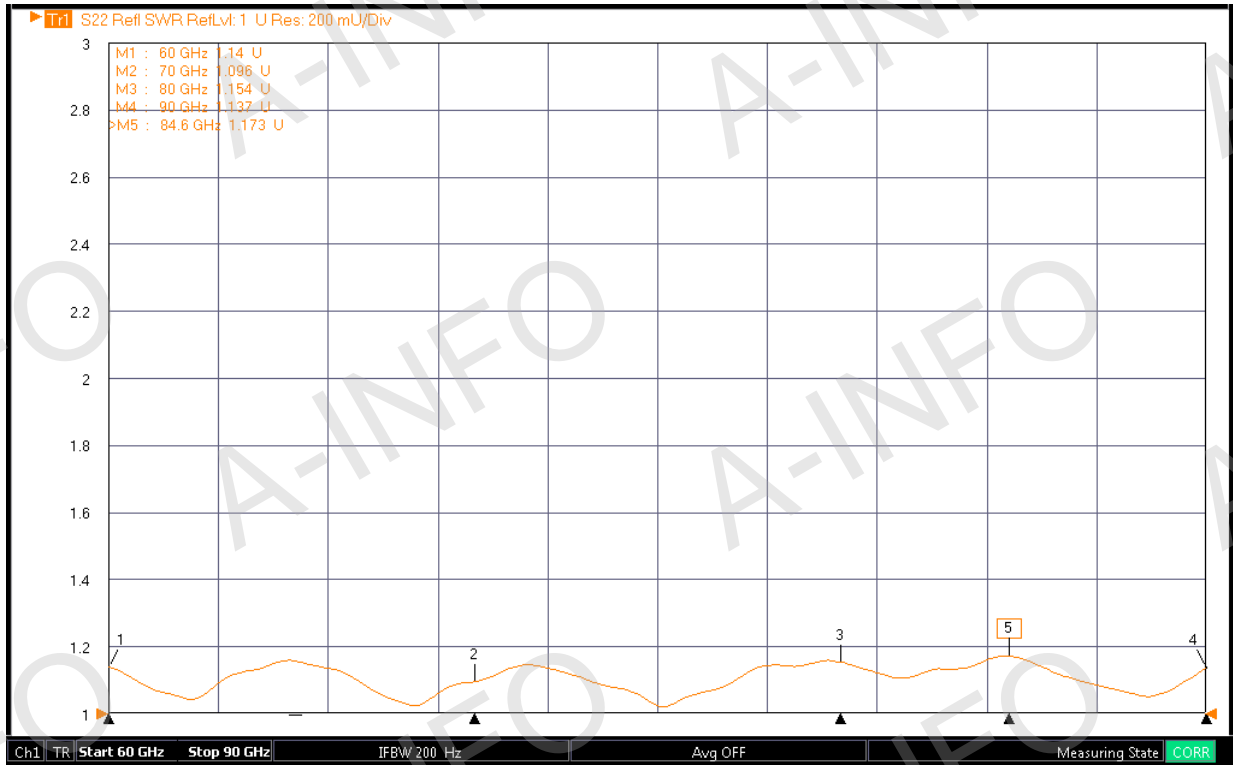
## Test Results

### 1. Gain & Antenna Factor

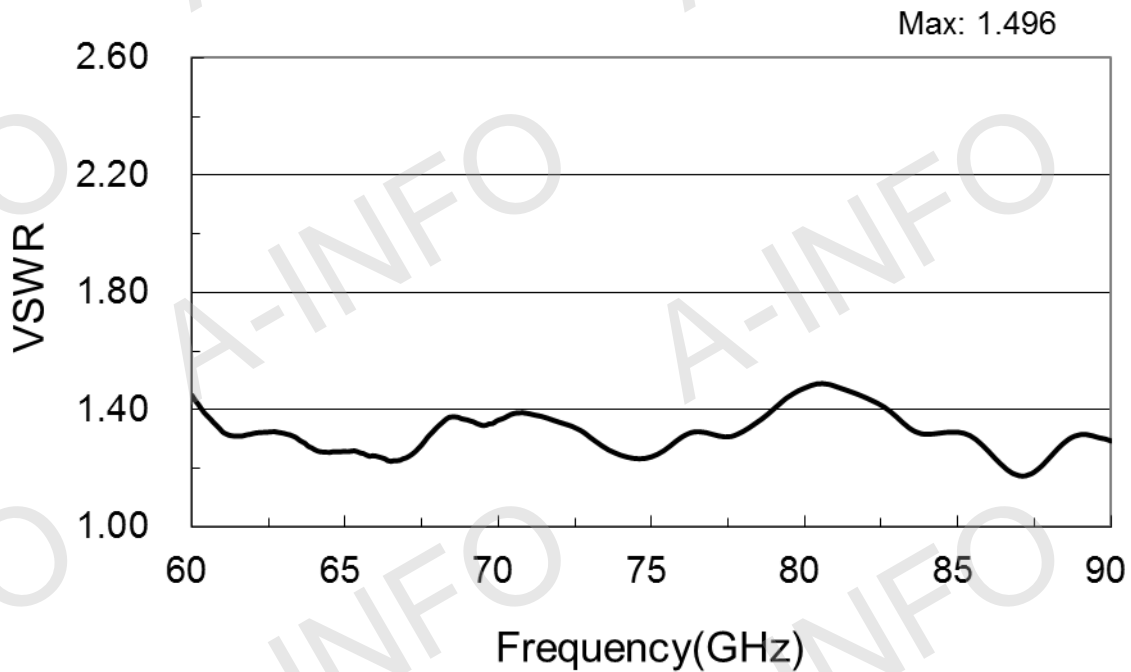


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
60	11.67	54.11
61	11.83	54.09
62	11.59	54.46
63	11.45	54.75
64	11.36	54.97
65	11.29	55.18
66	11.51	55.09
67	11.72	55.01
68	12.23	54.63
69	12.51	54.48
70	12.74	54.37
71	12.76	54.48
72	12.68	54.68
73	12.54	54.93
74	12.46	55.14
75	12.49	55.22
76	12.55	55.28
77	12.94	55.00
78	13.33	54.72
79	13.83	54.33
80	14.11	54.16
81	14.23	54.15
82	13.71	54.77
83	12.88	55.71
84	13.00	55.70
85	13.50	55.30
86	13.98	54.92
87	14.41	54.59
88	14.79	54.31
89	14.94	54.26
90	14.83	54.47

## 2. VSWR\_A Type



## VSWR\_C Type





### 3. Pattern

