

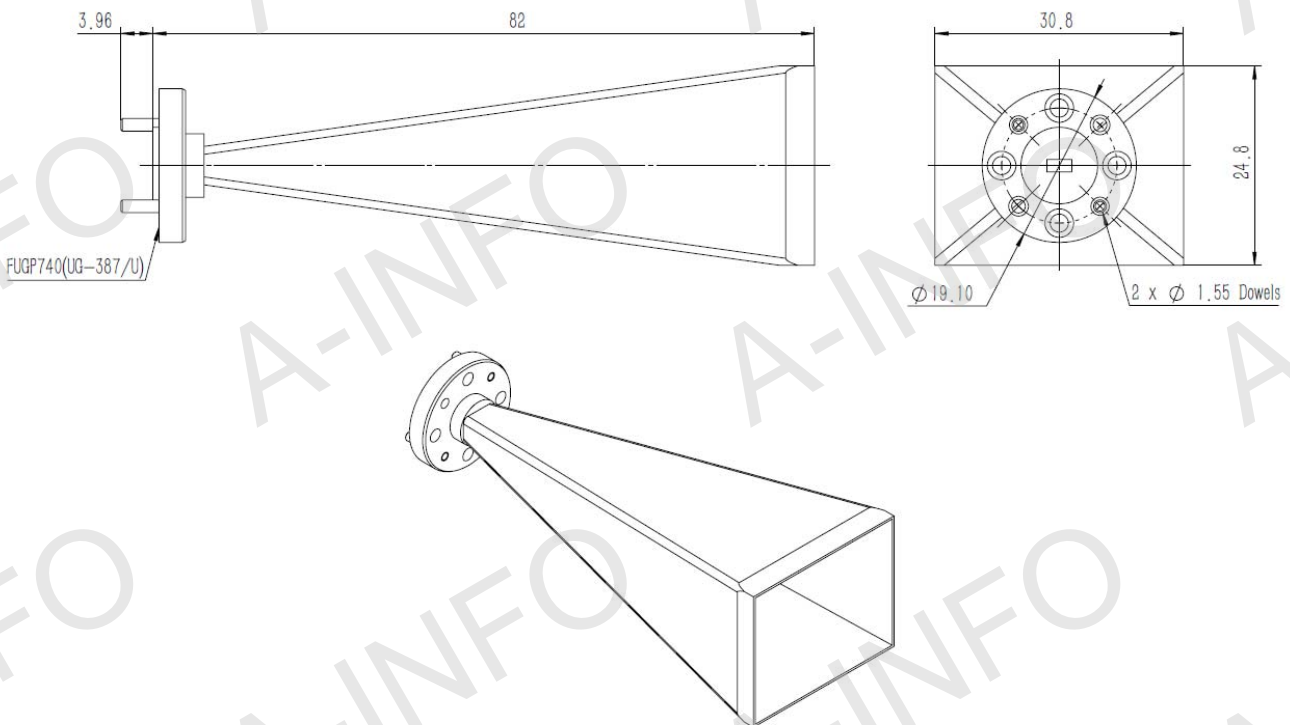
Technical Specification



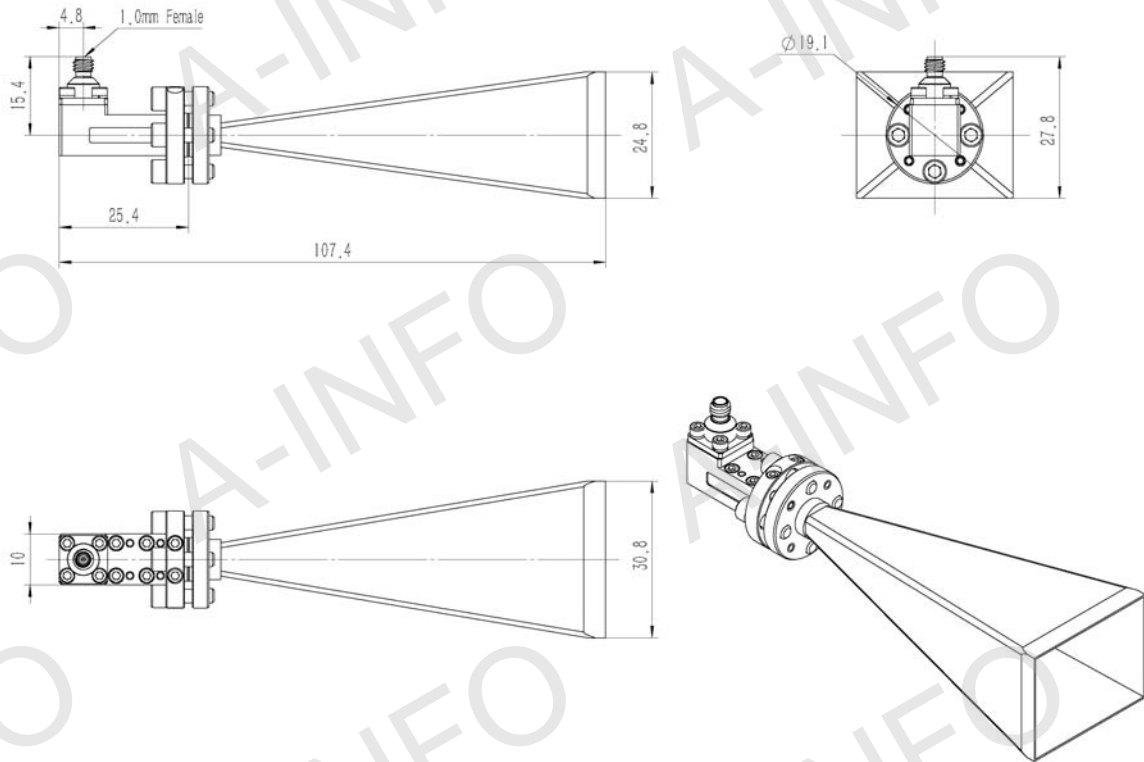
Frequency Range(GHz)	60.0 - 90.0	
Waveguide	WR12	
Gain(dBi)	25 Typ.	
Polarization	Linear	
3dB Beamwidth(deg)	10 Typ.	
Cross Pol. Isolation(dB)	35 Typ.	
VSWR	A Type:	1.10:1 Typ.
	C Type:	1.30:1 Typ.
Output	A Type:	FUGP740(UG-387/U)
	C Type:	1.0mm-Female
Material	Cu	
Size(mm)	A Type:	30.8 x 24.8 x 82
	C Type:	30.8 x 27.8 x 107.4
Net Weight(Kg)	A Type:	0.05 Around
	C Type:	0.08 Around

Outline Drawing (Size: mm)

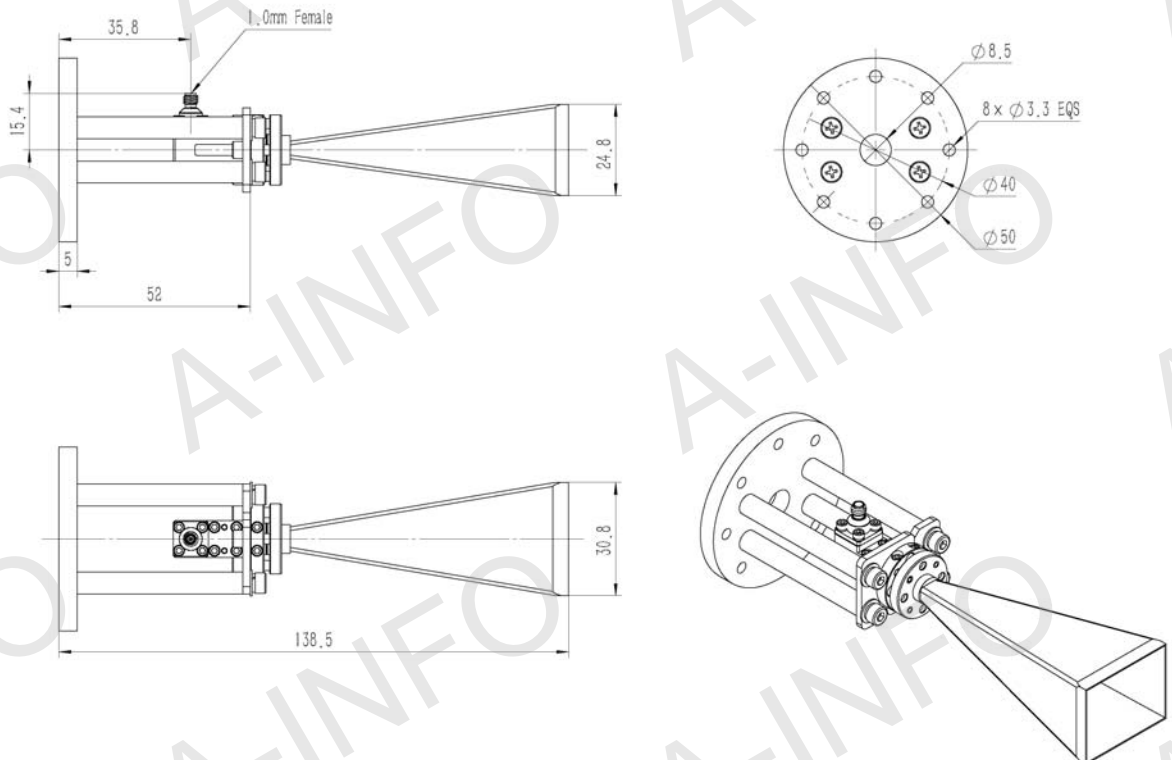
FUGP740 Output (P/N: LB-12-25-A)



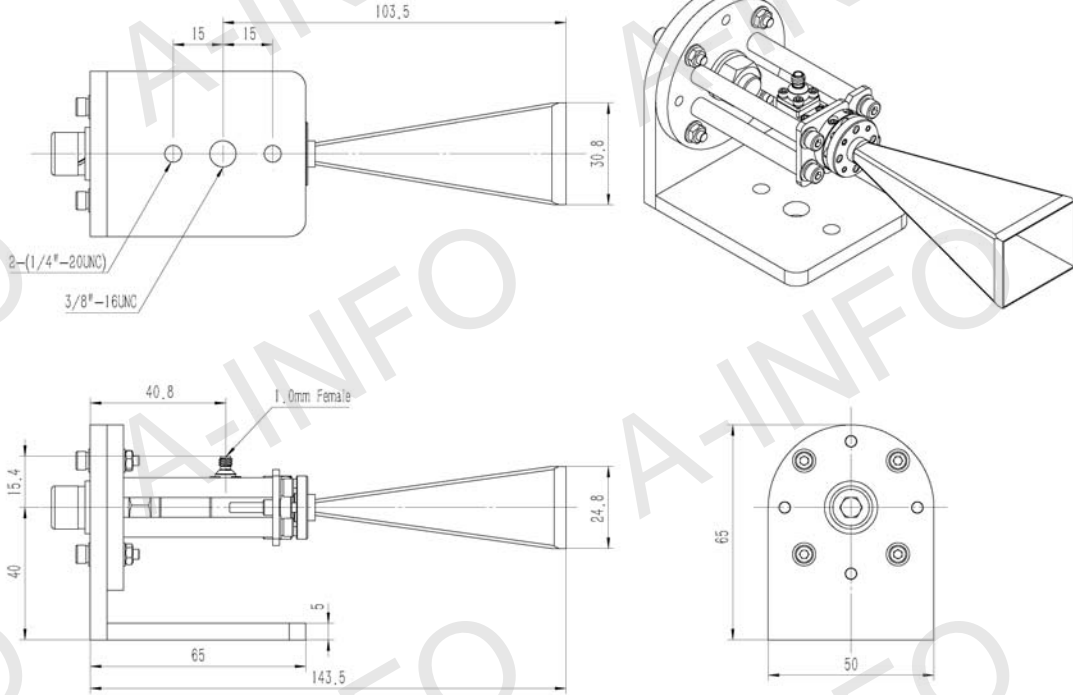
1.0mm-Female Output (P/N: LB-12-25-C-1.0F)



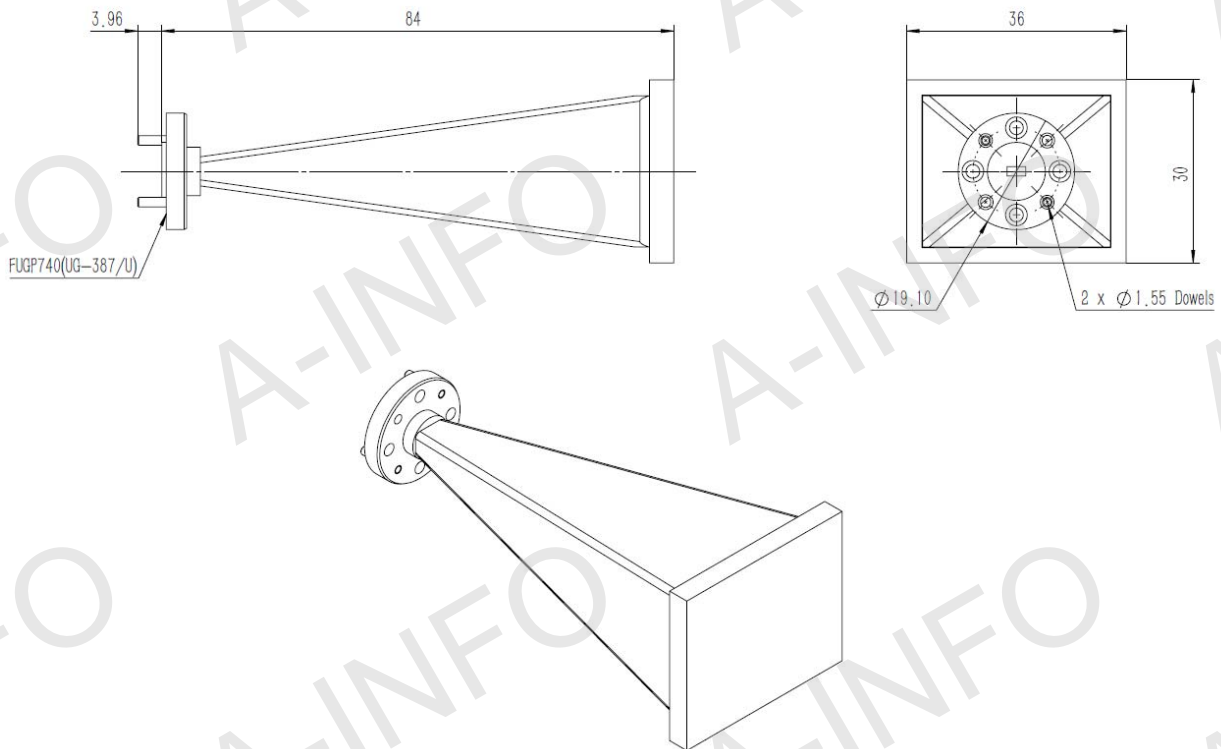
1.0mm-Female Output with Round Mounting Bracket (Option, P/N: LB-15-10-C-MB)



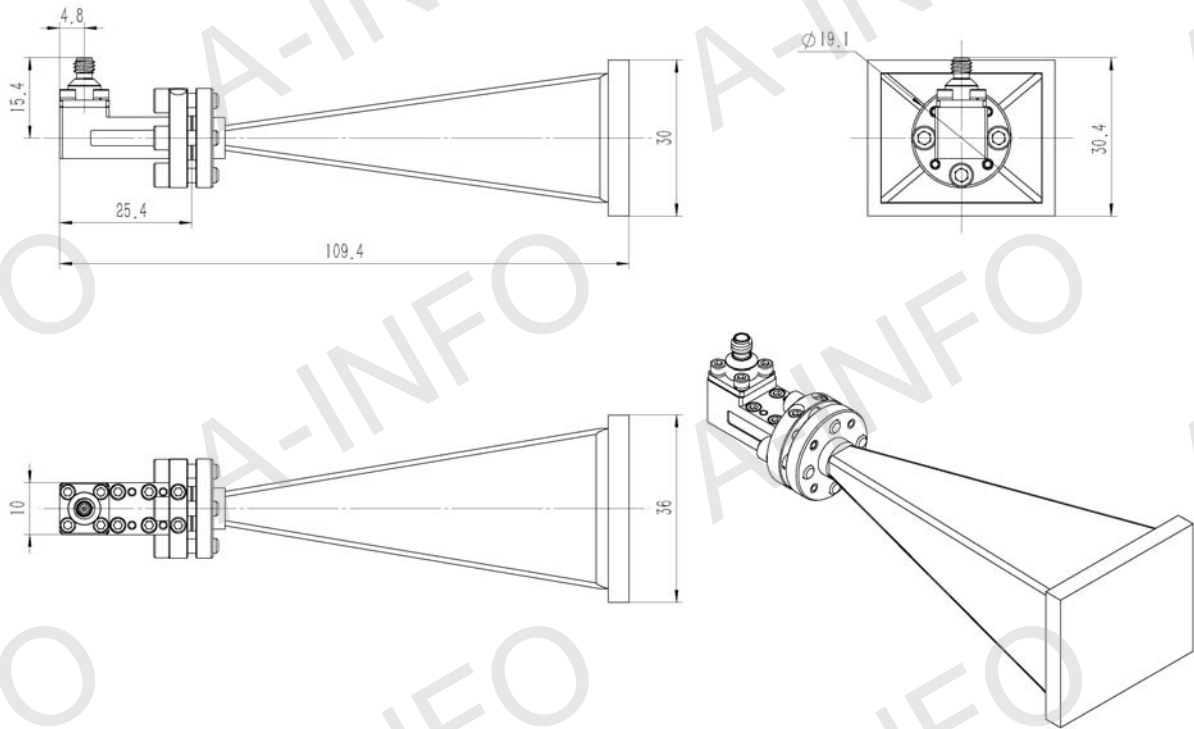
1.0mm-Female Output with L Type Mounting Bracket (Option, P/N: LB-15-10-C-MBL)



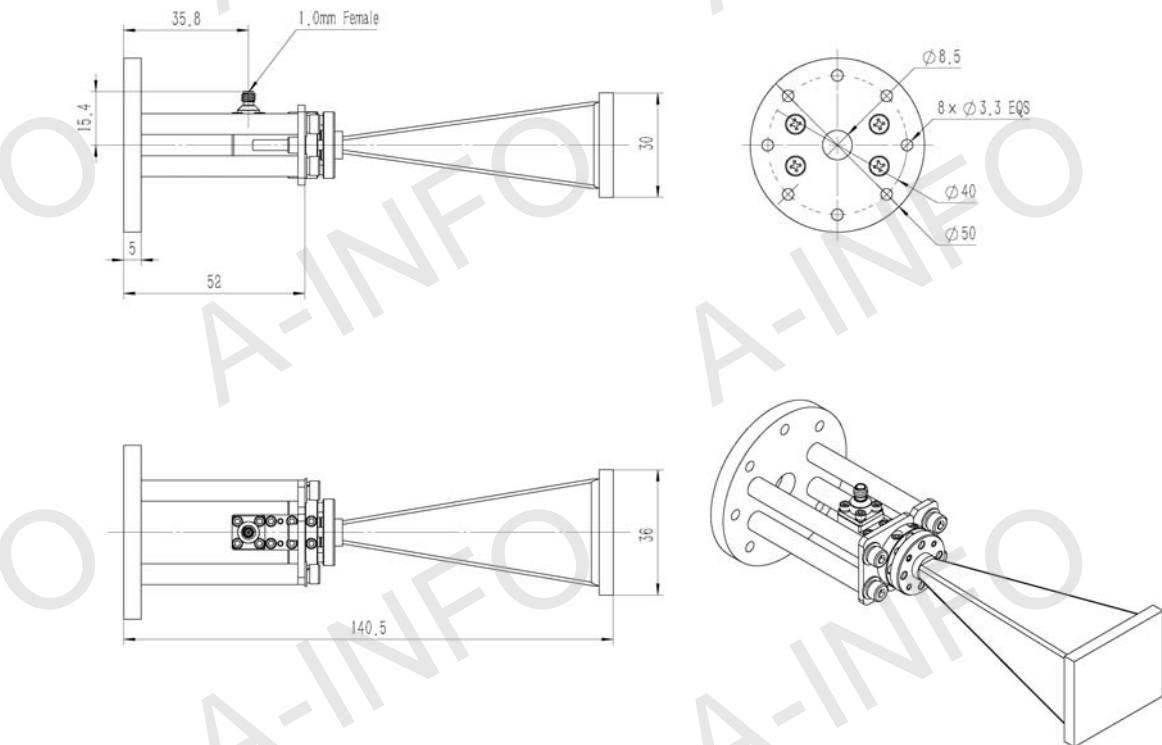
FUGP740 Output With Radome (Option, P/N: LB-12-25-ASPO, Outdoor Application)



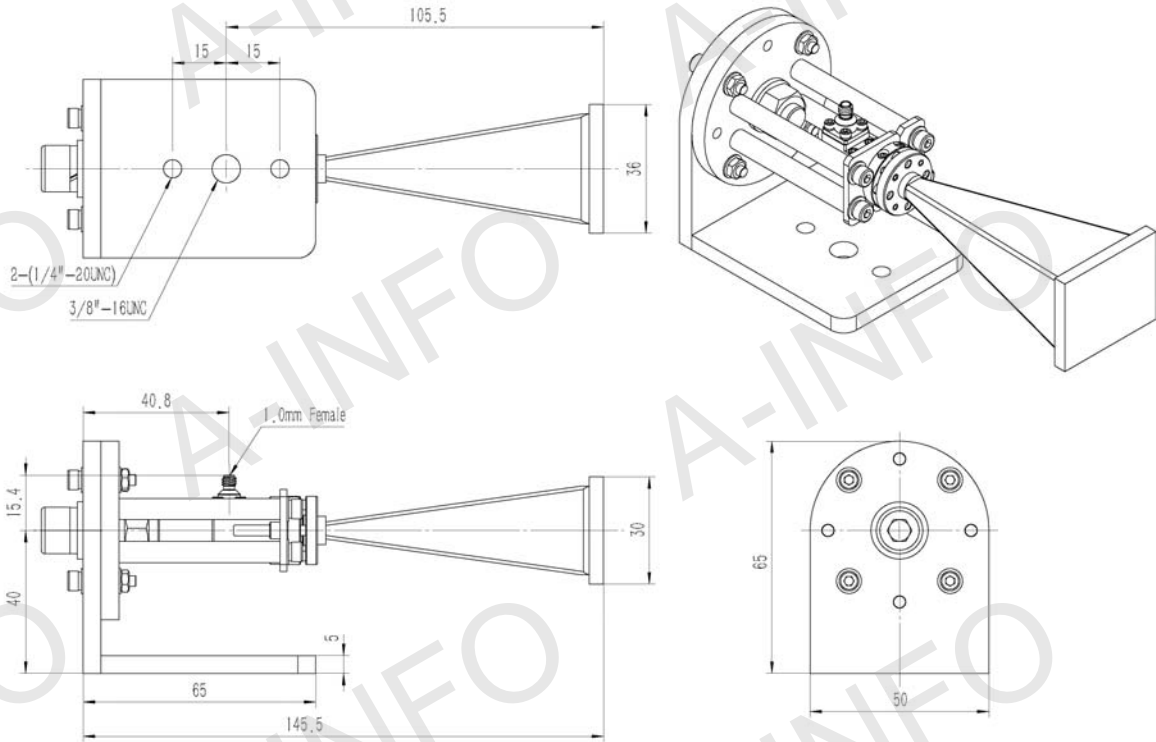
1.0mm-Female Output with Radome (Option, P/N: LB-12-25-C-1.0FSPO, Outdoor Application)



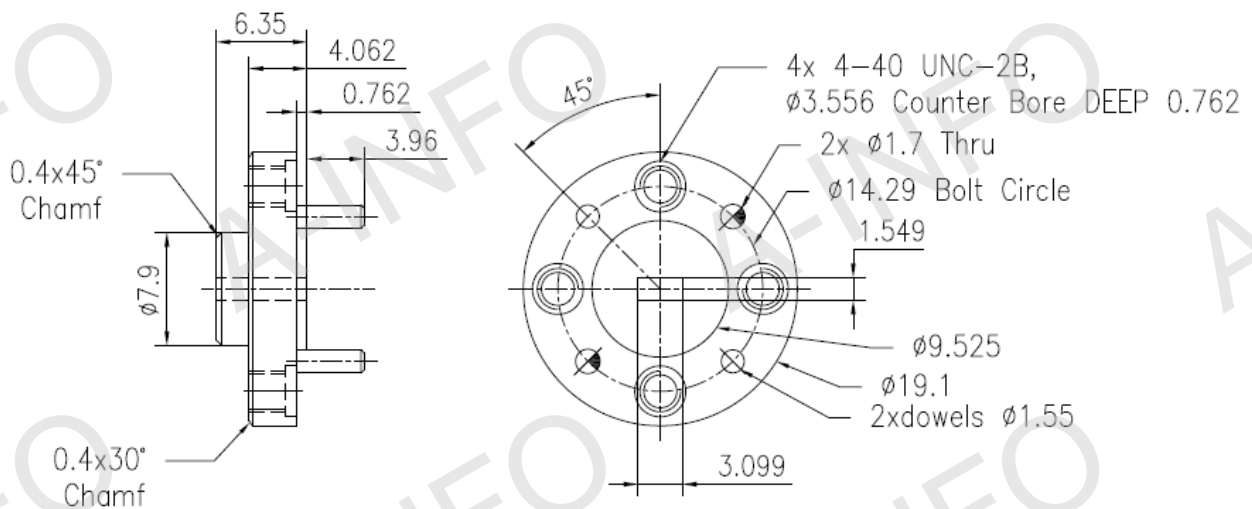
1.0mm-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-15-10-C-MB & LB-12-25-C-1.0FSPO, Outdoor Application)



1.0mm-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-15-10-C-MBL & LB-12-25-C-1.0FSPO, Outdoor Application)



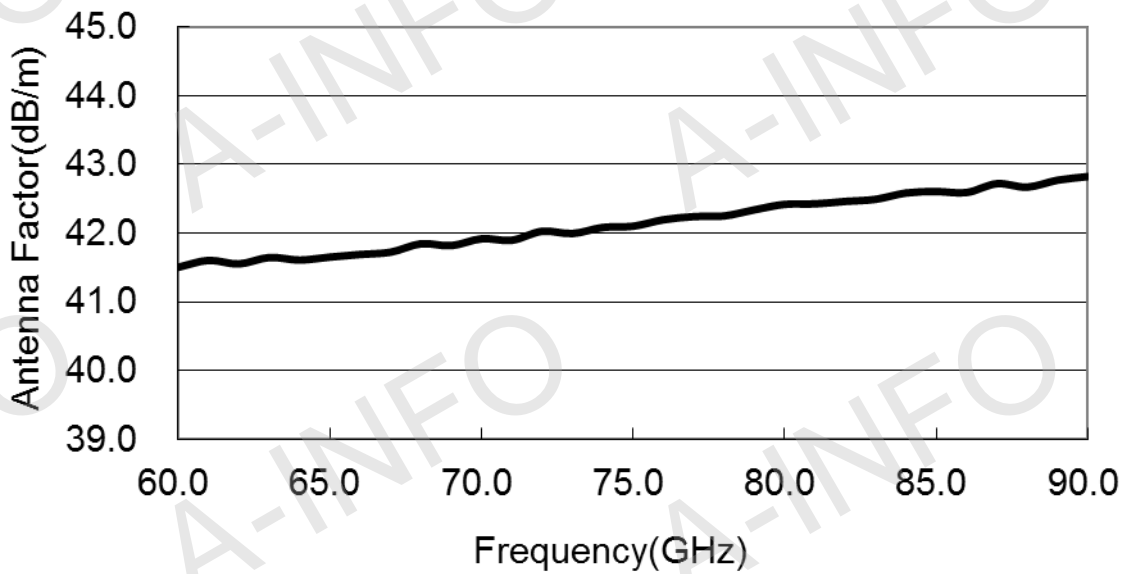
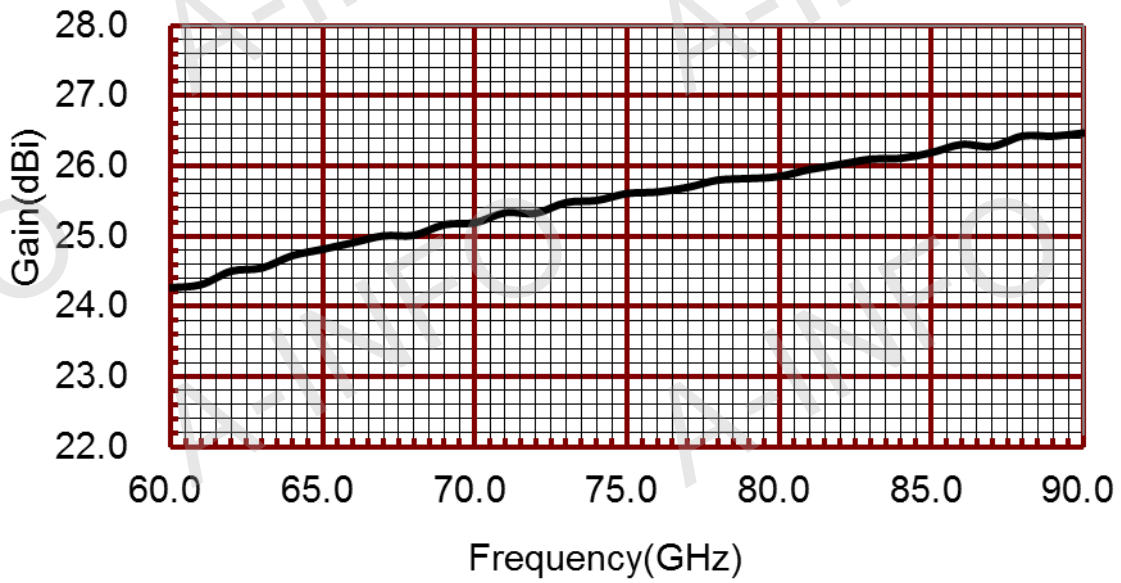
Flange Drawing (Size: mm)



FUGP740
(equivalent to UG-387/U)

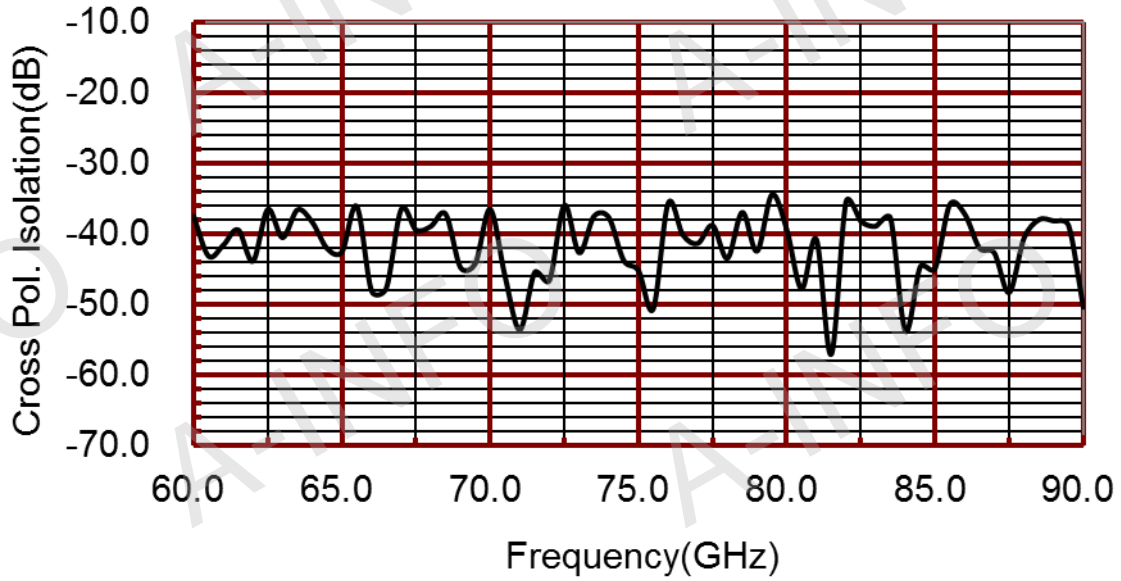
Test Results

1. Gain & Antenna Factor

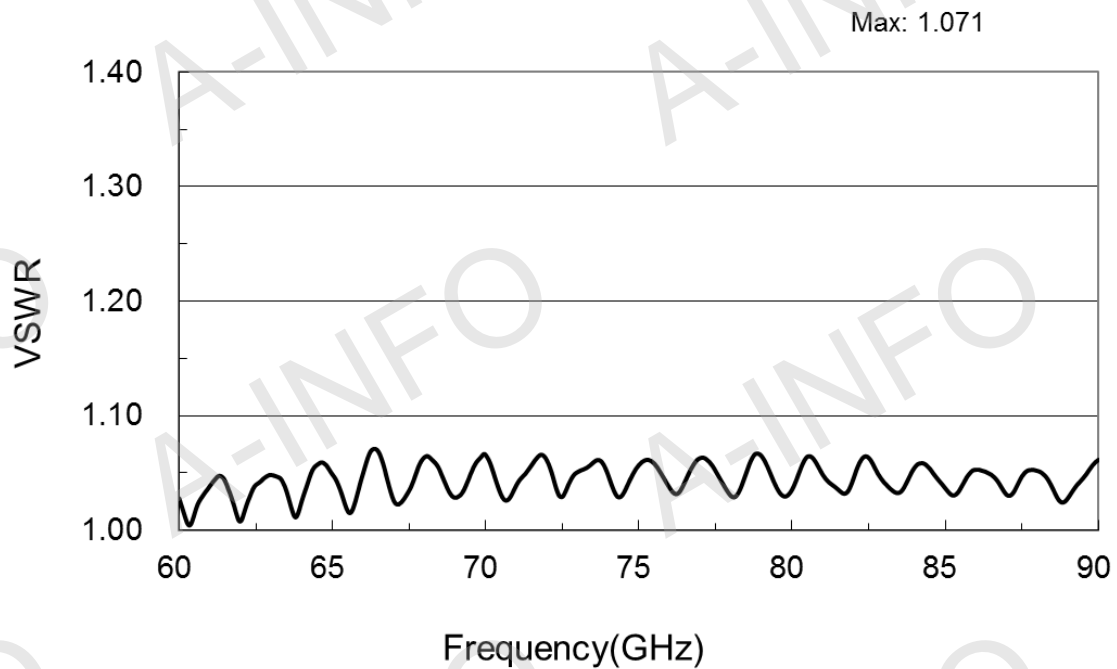


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
60	24.27	41.51
61	24.31	41.61
62	24.50	41.56
63	24.55	41.65
64	24.72	41.61
65	24.81	41.65
66	24.91	41.69
67	25.01	41.73
68	25.01	41.85
69	25.17	41.82
70	25.19	41.92
71	25.34	41.90
72	25.33	42.03
73	25.48	42.00
74	25.51	42.09
75	25.61	42.10
76	25.63	42.20
77	25.70	42.24
78	25.80	42.25
79	25.82	42.34
80	25.85	42.42
81	25.95	42.43
82	26.02	42.46
83	26.10	42.49
84	26.11	42.59
85	26.19	42.61
86	26.31	42.59
87	26.28	42.72
88	26.43	42.67
89	26.42	42.77
90	26.47	42.83

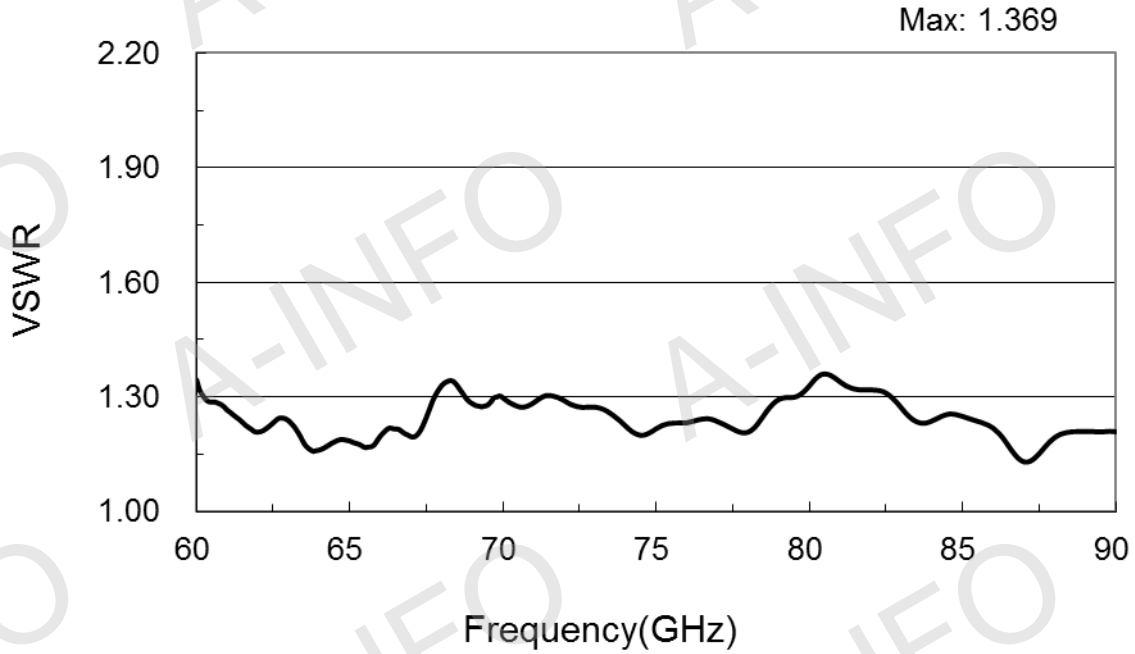
2. Cross Polarization Isolation



3. VSWR_A Type



VSWR_C Type



4. Pattern

