

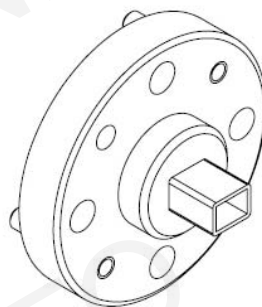
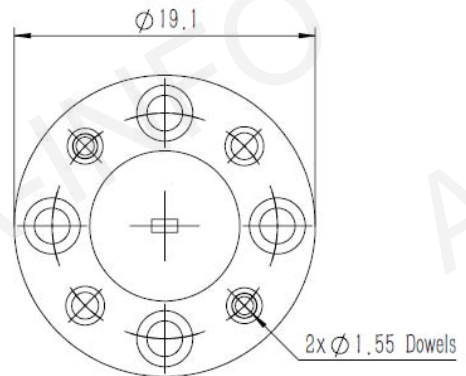
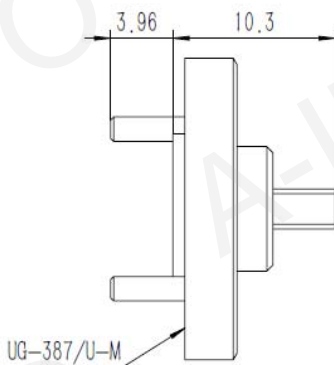
Technical Specification



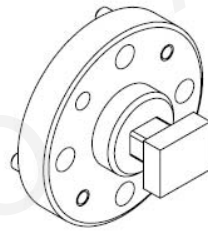
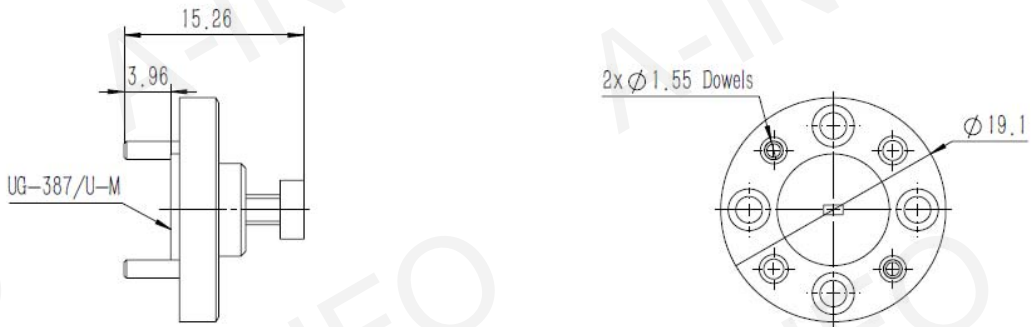
Frequency Range(GHz)	110.0 - 170.0
Waveguide	WR6
Gain(dBi)	10 Typ.
Polarization	Linear
3dB Beamwidth(deg)	50 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	1.2:1 Typ.
Output	UG-387/U-M
Material	Cu
Size(mm)	19.1 x 19.1 x 10.3
Net Weight(Kg)	0.01 Around

Outline Drawing (Size: mm)

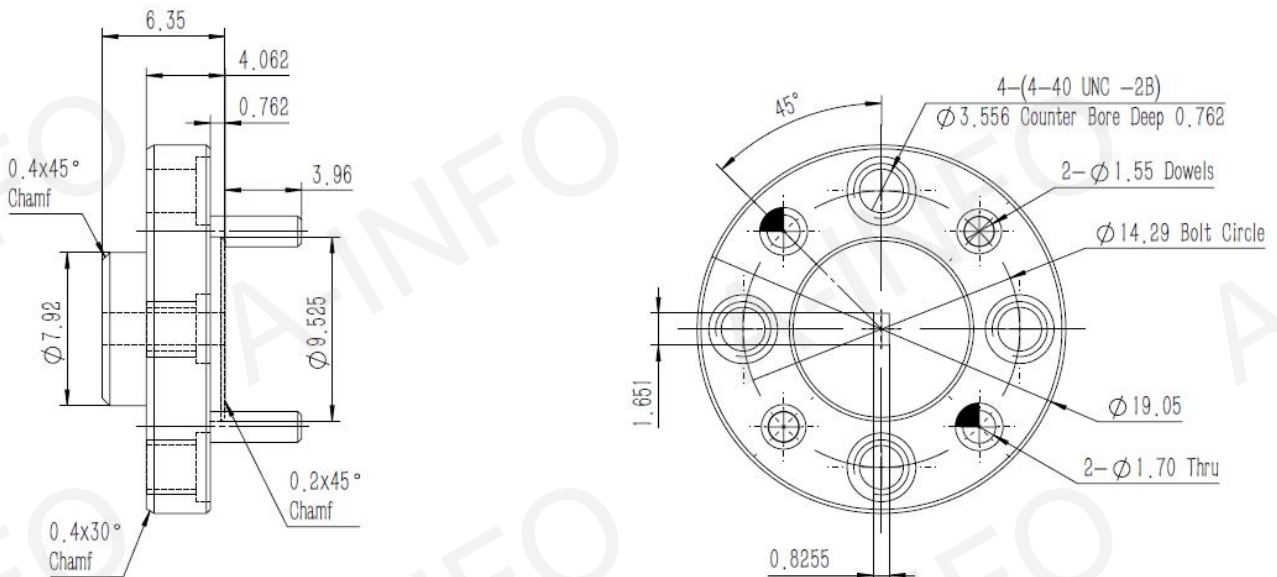
A Type (With UG-387/U-M Output)



A Type(With Radome)



Flange Drawing (Size: mm)



UG-387/U-M

AINFO Inc.

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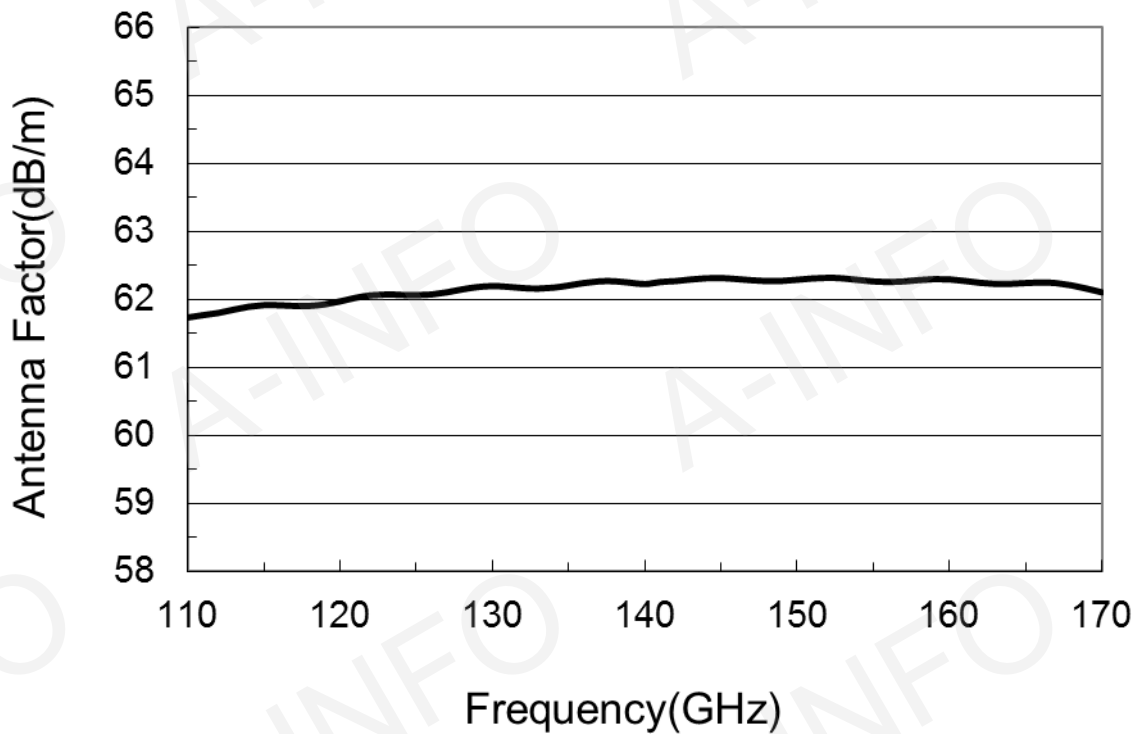
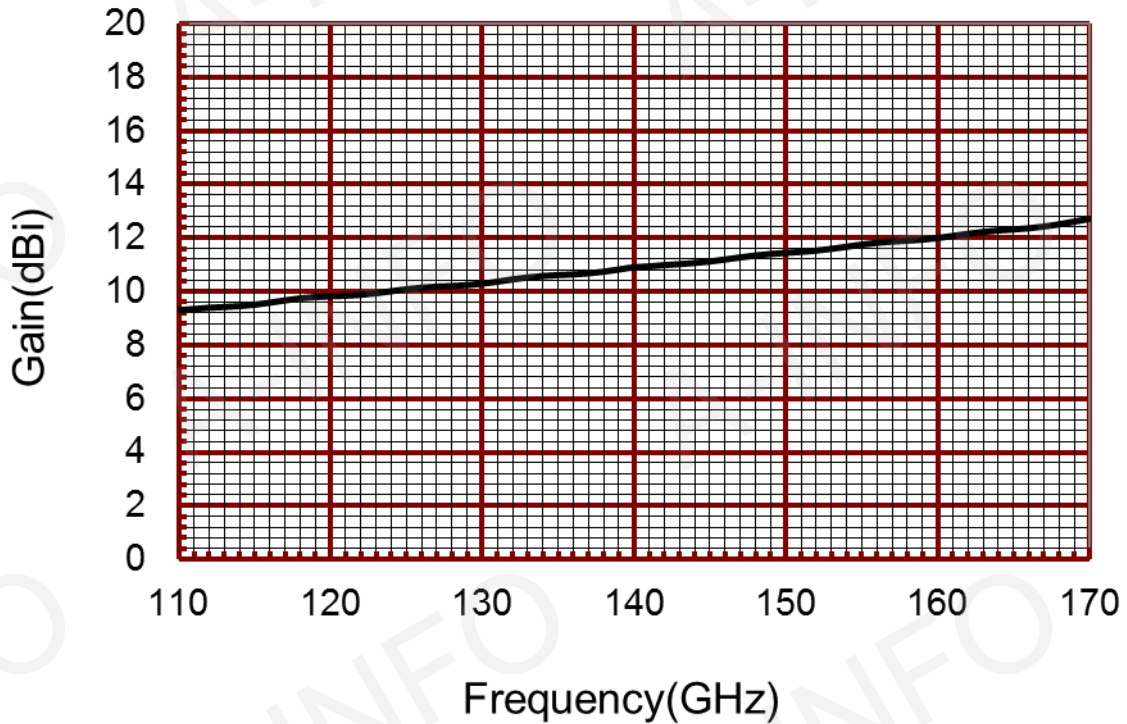
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Test Results

1. Gain & Antenna Factor



Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
110	9.30	61.73
111	9.35	61.77
112	9.39	61.80
113	9.42	61.85
114	9.46	61.89
115	9.51	61.91
116	9.59	61.91
117	9.67	61.90
118	9.74	61.90
119	9.79	61.93
120	9.82	61.97
121	9.84	62.02
122	9.88	62.06
123	9.94	62.07
124	10.01	62.07
125	10.09	62.06
126	10.15	62.07
127	10.18	62.10
128	10.21	62.15
129	10.24	62.18
130	10.29	62.19
131	10.37	62.18
132	10.46	62.17
133	10.53	62.16
134	10.58	62.17
135	10.61	62.20
136	10.64	62.24
137	10.68	62.26
138	10.74	62.27
139	10.82	62.25
140	10.91	62.22

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
141	10.94	62.25
142	10.99	62.27
143	11.03	62.29
144	11.07	62.31
145	11.12	62.31
146	11.20	62.30
147	11.28	62.28
148	11.35	62.27
149	11.40	62.27
150	11.44	62.29
151	11.48	62.31
152	11.53	62.32
153	11.60	62.31
154	11.67	62.29
155	11.75	62.26
156	11.82	62.25
157	11.86	62.26
158	11.90	62.28
159	11.94	62.30
160	12.00	62.29
161	12.08	62.27
162	12.16	62.24
163	12.23	62.23
164	12.28	62.23
165	12.32	62.24
166	12.36	62.25
167	12.43	62.24
168	12.51	62.21
169	12.61	62.16
170	12.72	62.10

2. Pattern

