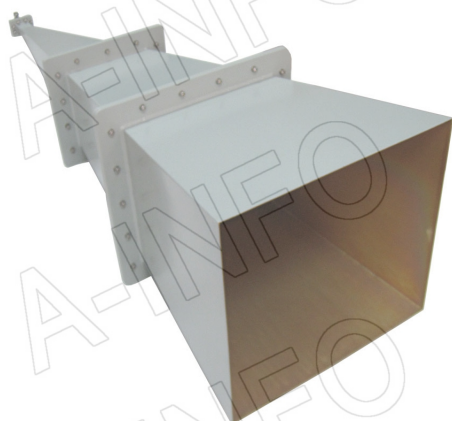


For reference only. See data sheet for the detailed specifications.

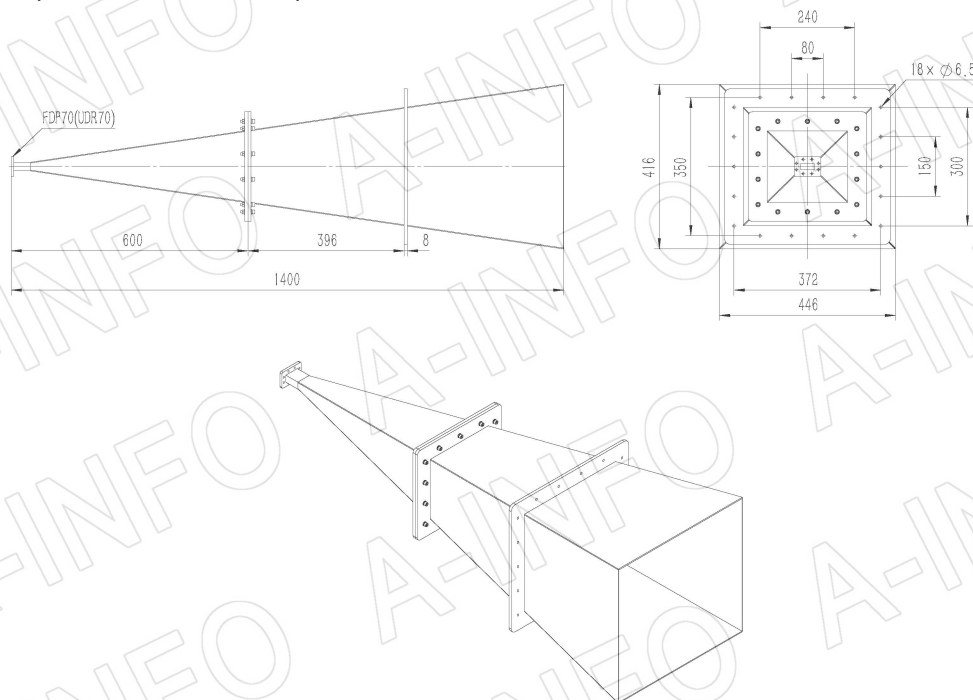
Technical Specification



Frequency Range(GHz)	5.85 – 8.20
Waveguide	WR137
Gain(dBi)	25 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 7 Typ.
	H Plane: 8 Typ.
Cross Pol. Isolation(dB)	40 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP70(UDR70)
	N-Female or SMA-Female C Type: or TNC-Female or 7mm or 3.5mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 446 x 416 x 1400
	C Type: 446 x 416 x 1448
Net Weight(Kg)	A Type: 13.7 Around
	C Type: 13.9 Around

Outline Drawing (Size: mm)

FDP70 Output (P/N: LB-137-25-A)



AINFO Inc.

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China(Chengdu):
USA :

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Tel: (+86) 28-8519-2786,
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(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

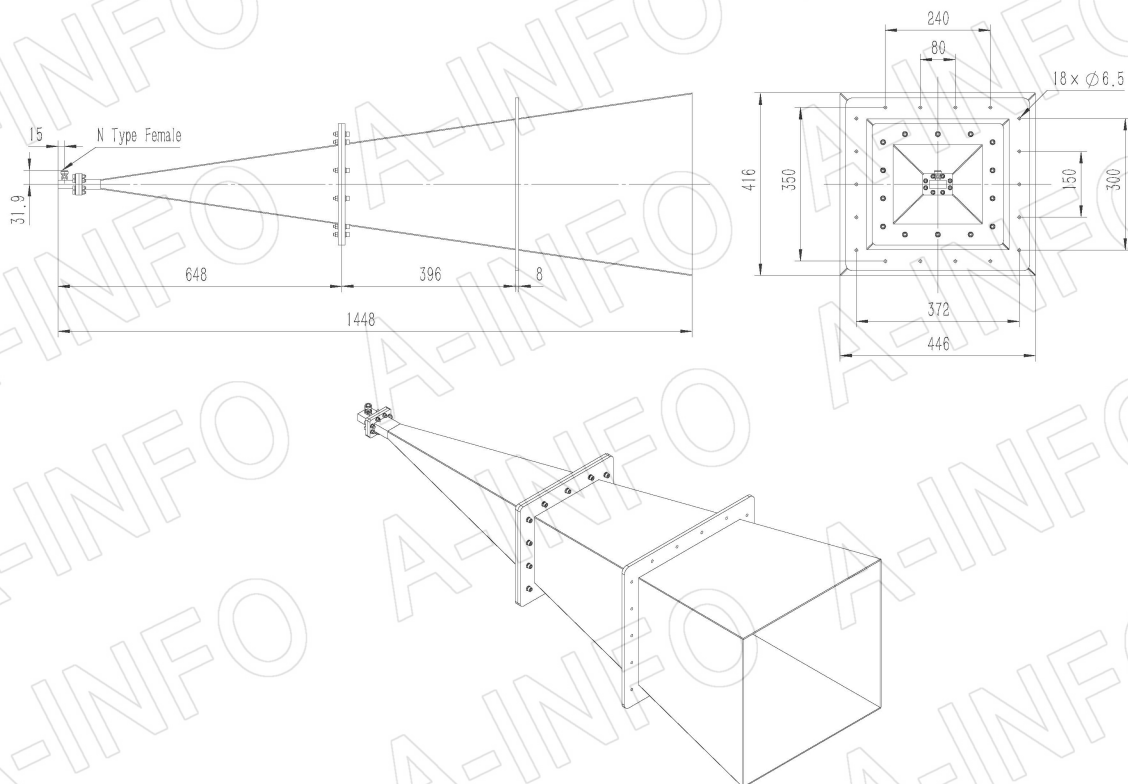
Page 1 of 9

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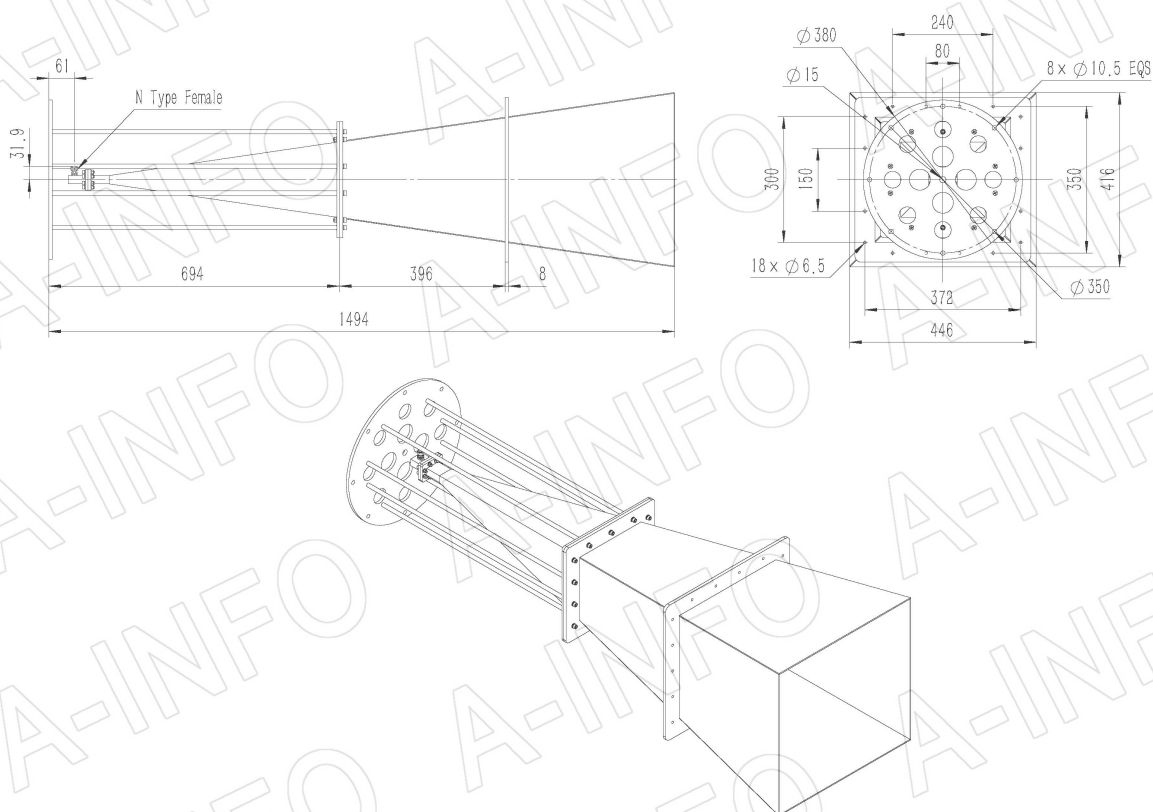
N-Female Output (P/N: LB-137-25-C-NF)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



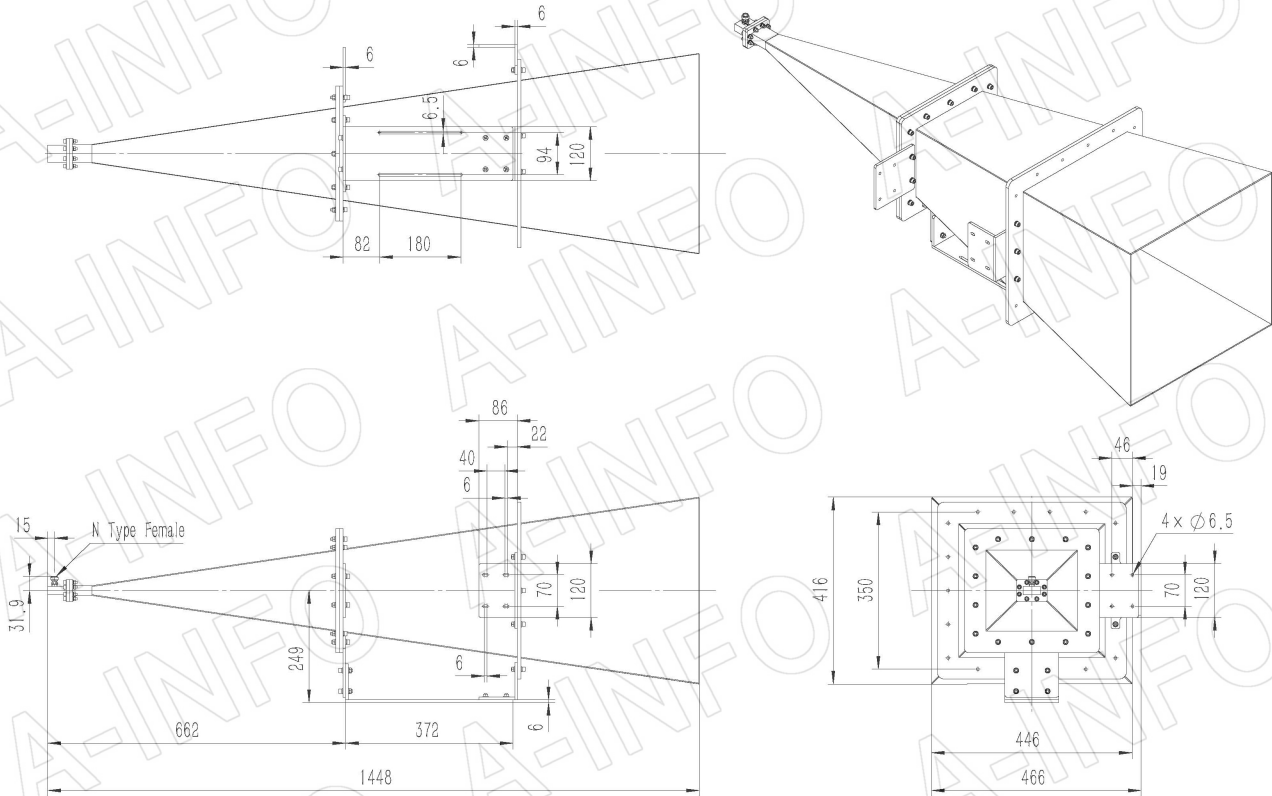
N-Female Output with Round Mounting Bracket (Option, P/N: LB-137-25-MB2)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

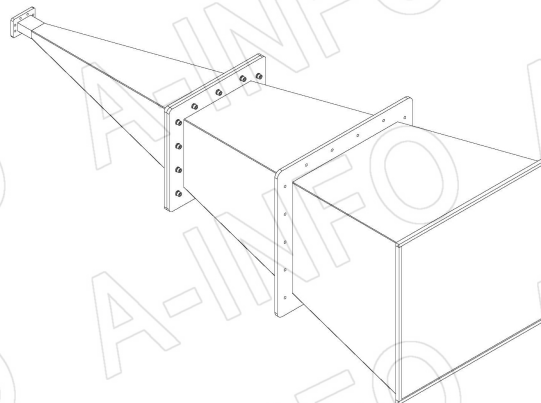
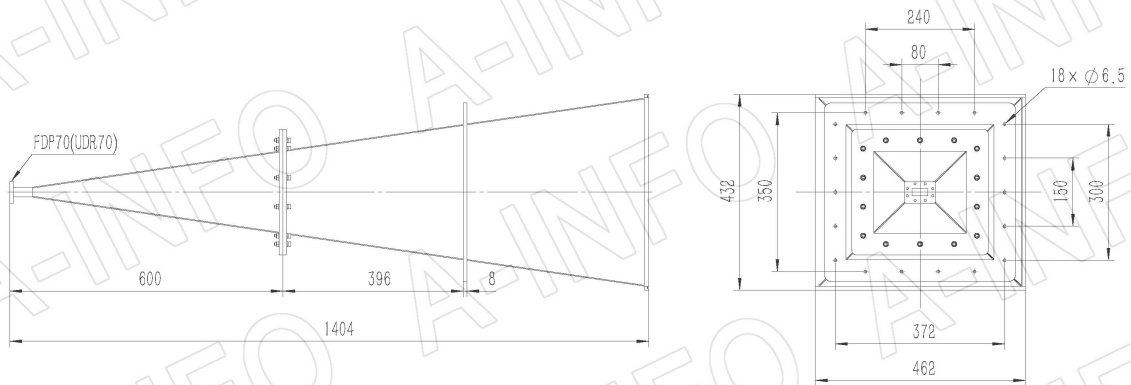


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-137-25-L2)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

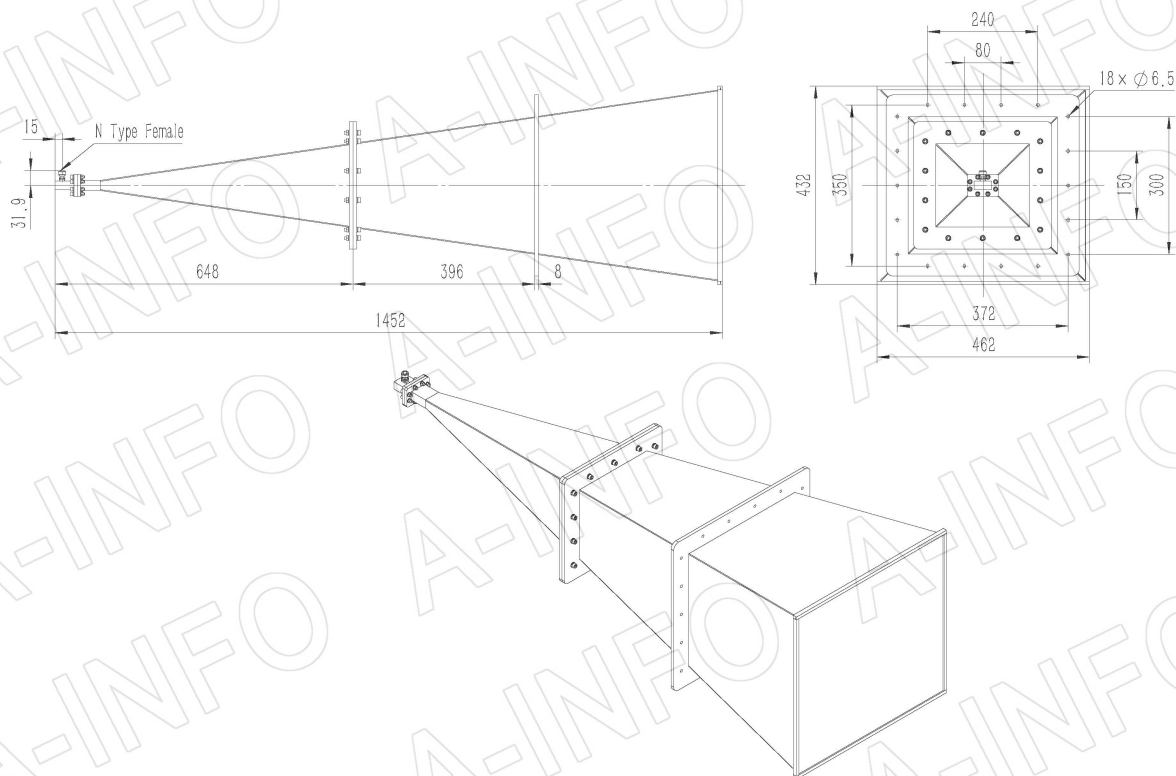


FDP70 Output with Radome (Option, P/N: LB-137-25-ASPO, Outdoor Application)



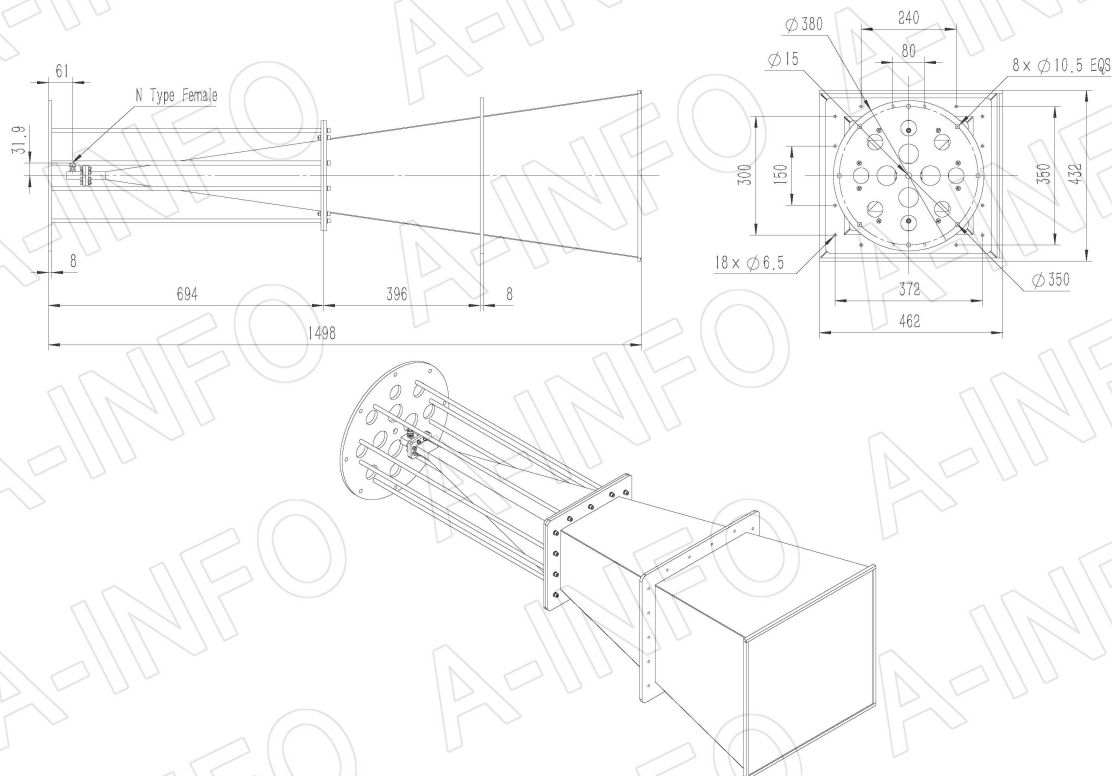
N-Female Output with Radome (Option, P/N: LB-137-25-C-NFSPO, Outdoor Application)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



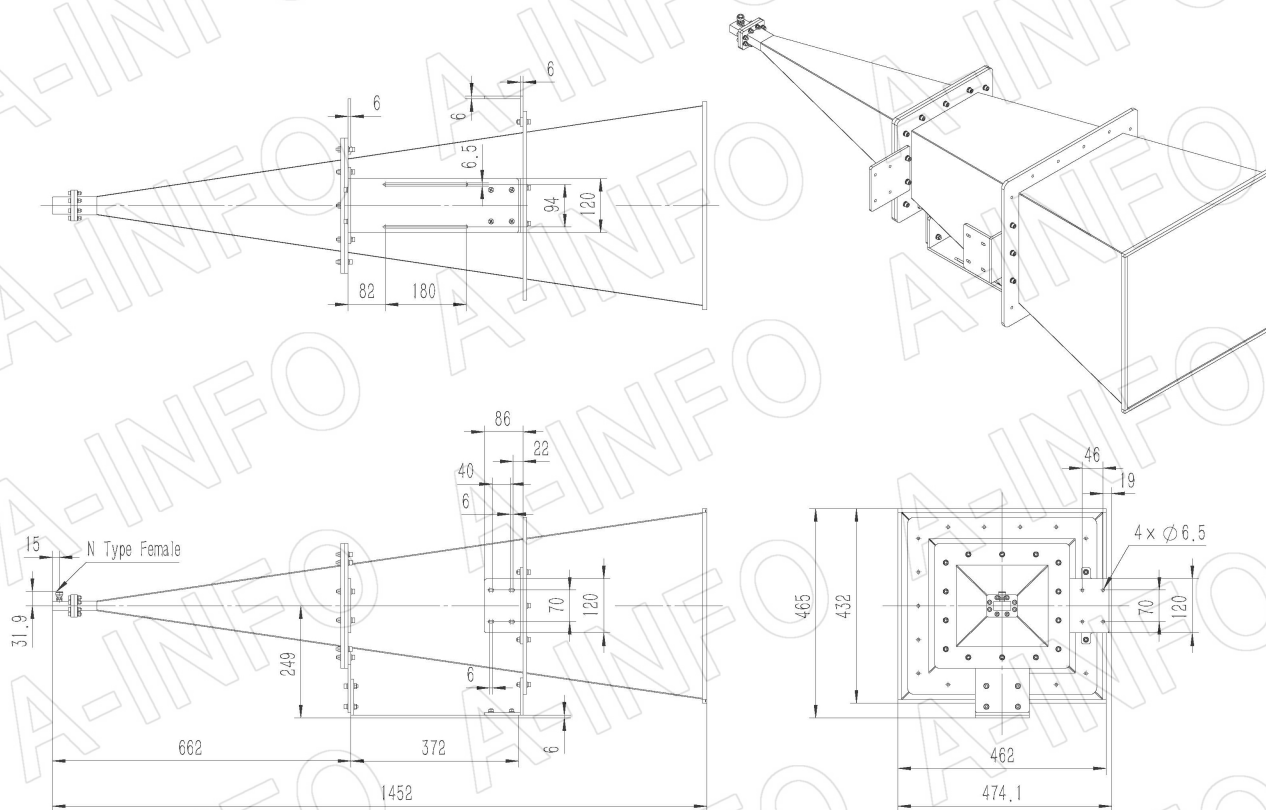
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-137-25-MB2 & LB-137-25-C-NFSPO, Outdoor Application)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.

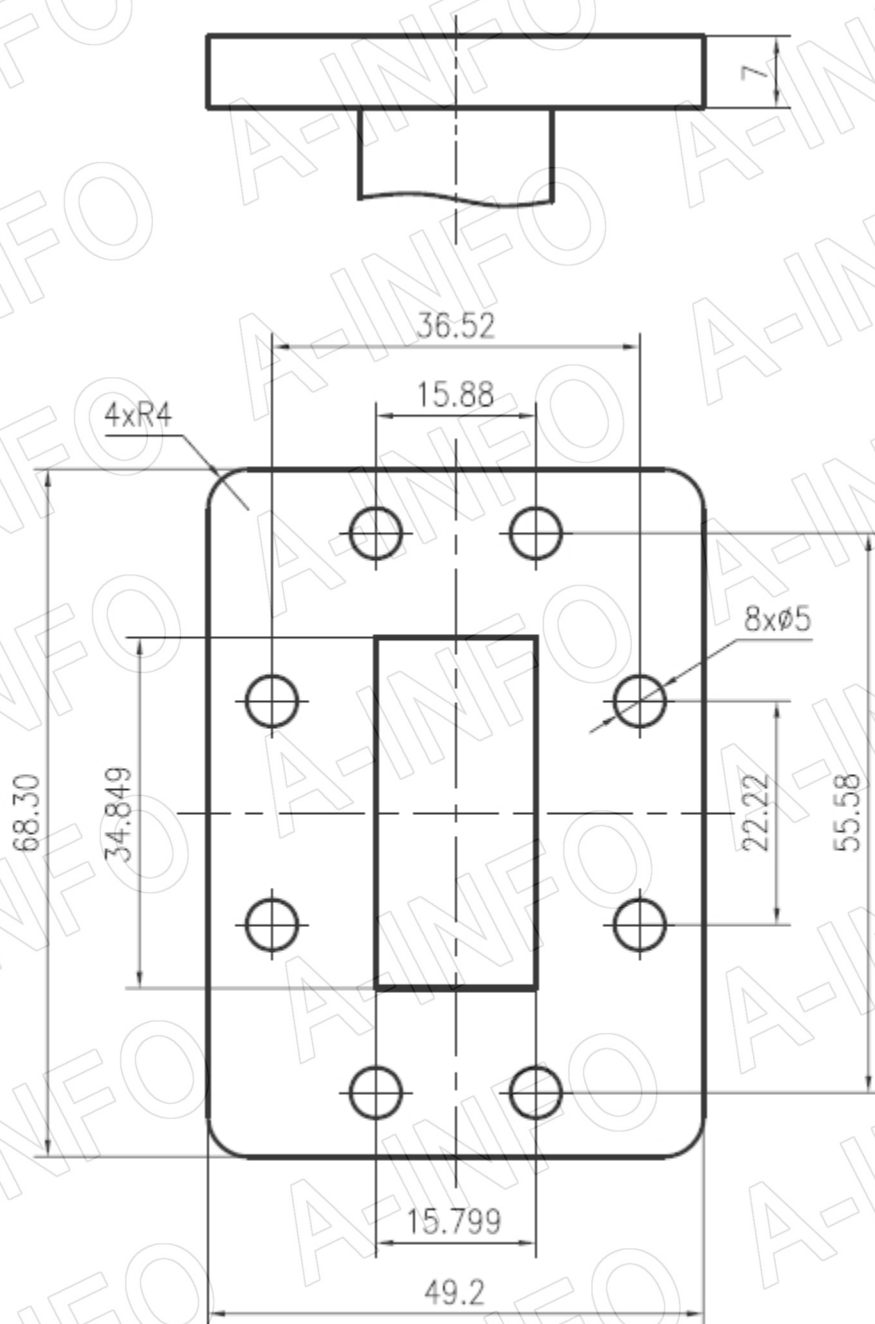


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-137-25-L2 & LB-137-25-C-NFSPO, Outdoor Application)

For SMA-Female, TNC- Female, 7mm or 3.5mm-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FDP70

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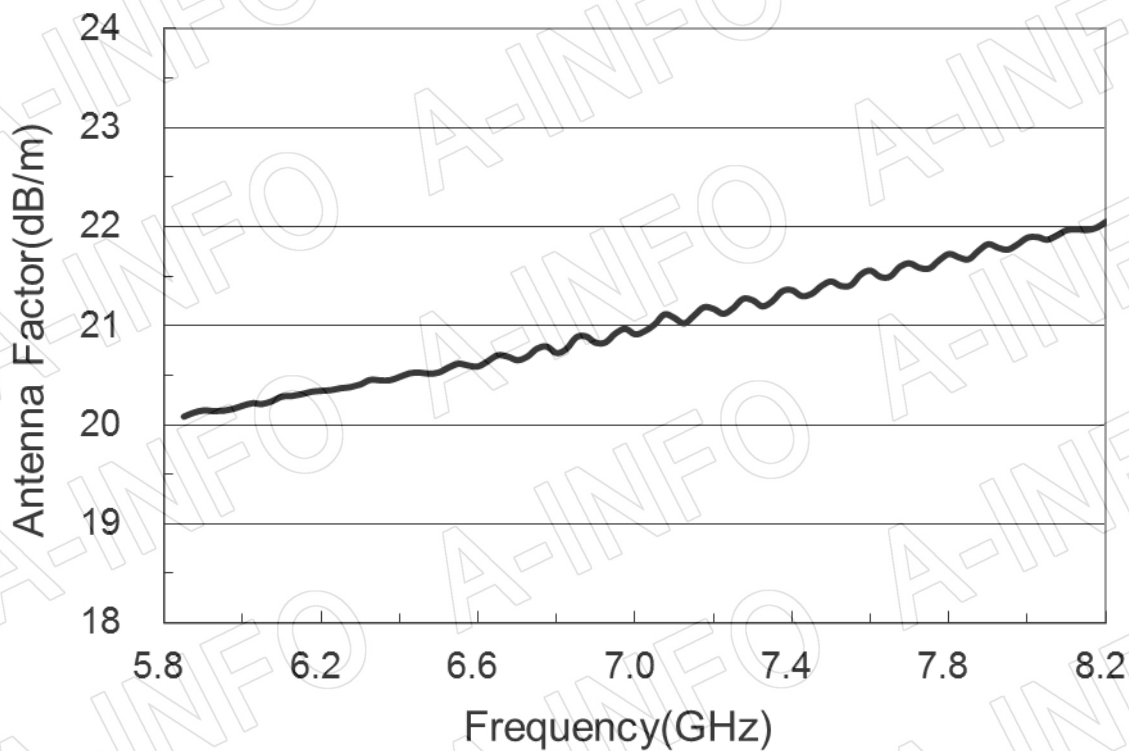
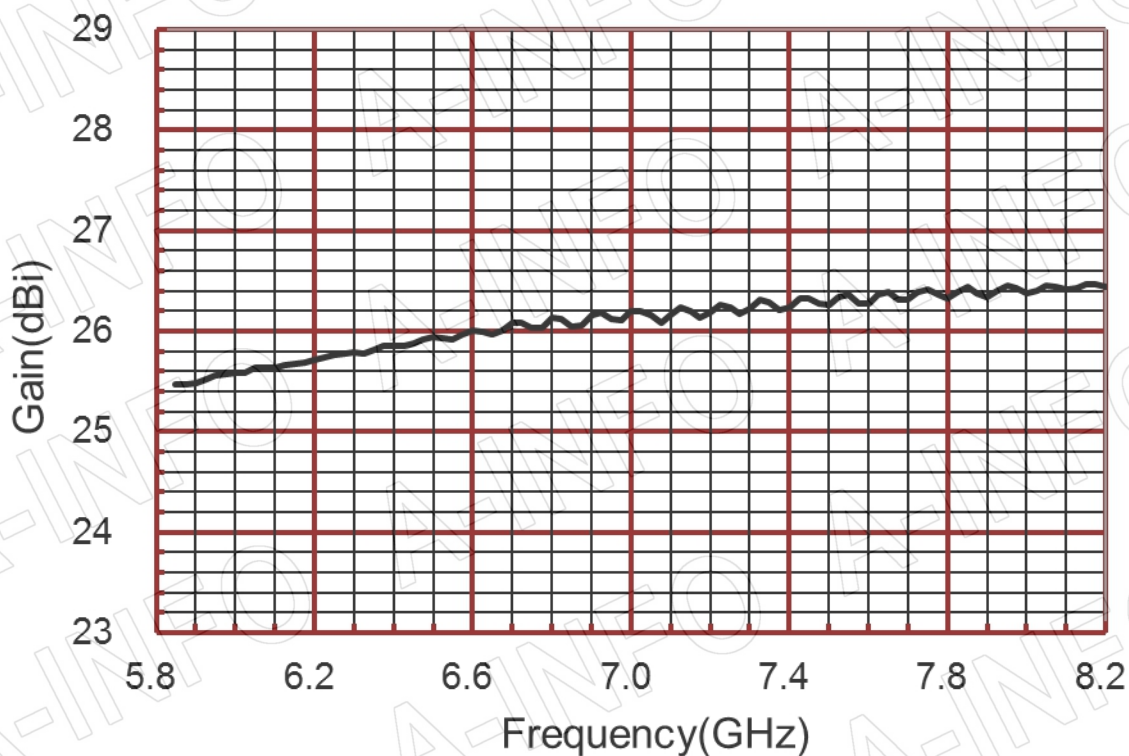
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Test Results

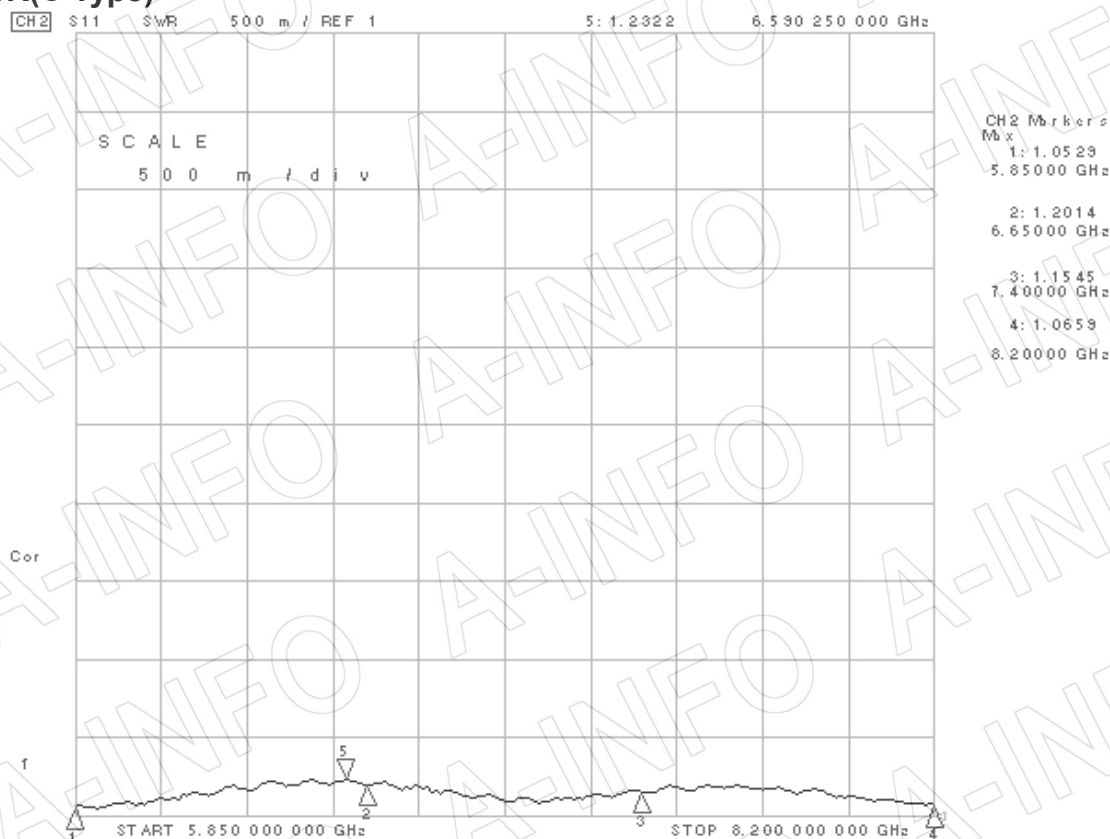
1. Gain & Antenna Factor



Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
5.85	25.47	20.08
5.90	25.48	20.15
6.00	25.58	20.19
6.10	25.63	20.29
6.20	25.72	20.34
6.30	25.79	20.41
6.40	25.85	20.48
6.50	25.94	20.53
6.60	26.01	20.59
6.70	26.08	20.65
6.80	26.14	20.72
6.90	26.16	20.83
7.00	26.20	20.91

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
7.10	26.16	21.08
7.20	26.19	21.17
7.30	26.22	21.26
7.40	26.24	21.36
7.50	26.26	21.45
7.60	26.27	21.56
7.70	26.31	21.63
7.80	26.33	21.73
7.90	26.34	21.82
8.00	26.38	21.89
8.10	26.41	21.97
8.20	26.44	22.05

2. VSWR(C Type)


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 (+86) 10-6266-7327
 (+86) 28-8519-3044
 (+1) 949-639-9608

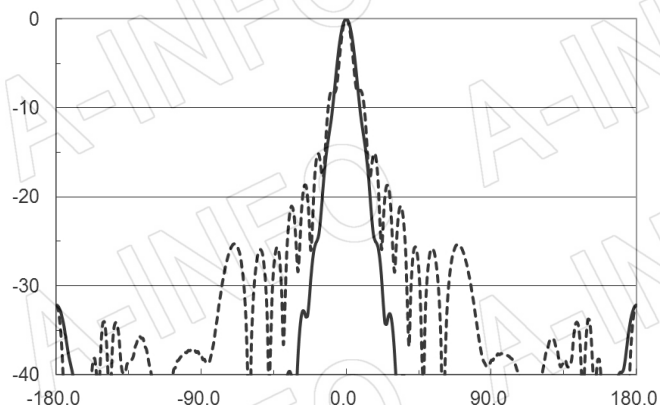
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3. Pattern

Frequency: 5.85GHz



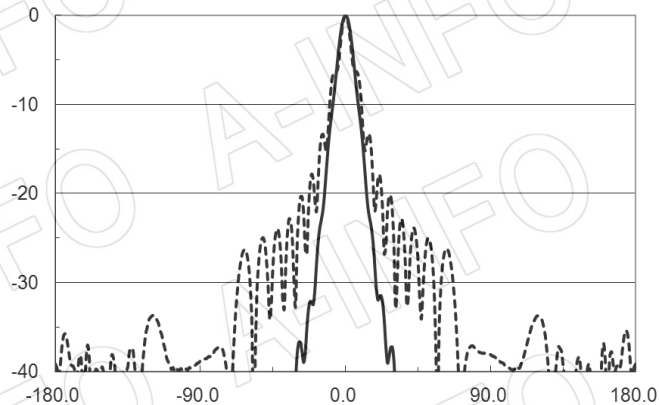
H-Plane ———

E-Plane - - - - -

3dB Beamwidth (deg): 8.7

3dB Beamwidth (deg): 6.9

Frequency: 7.025GHz



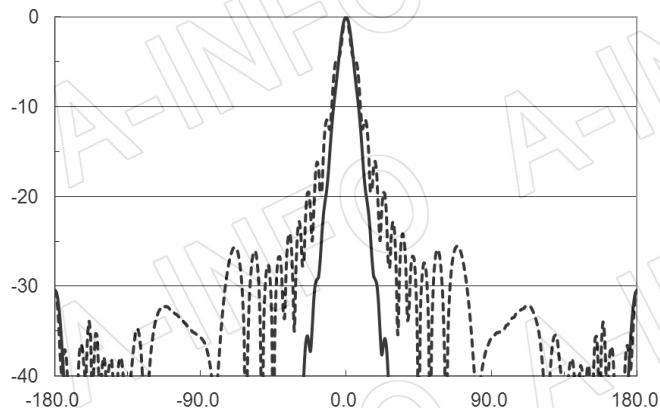
H-Plane ———

E-Plane - - - - -

3dB Beamwidth (deg): 7.6

3dB Beamwidth (deg): 6.1

Frequency: 8.20GHz



H-Plane ———

E-Plane - - - - -

3dB Beamwidth (deg): 6.9

3dB Beamwidth (deg): 5.8