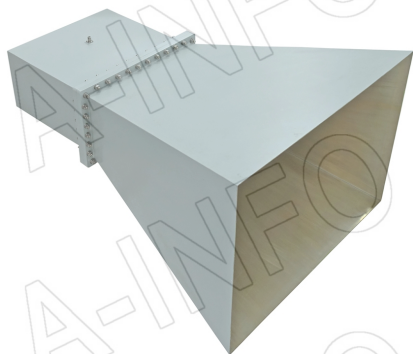


For reference only. See data sheet for the detailed specifications.

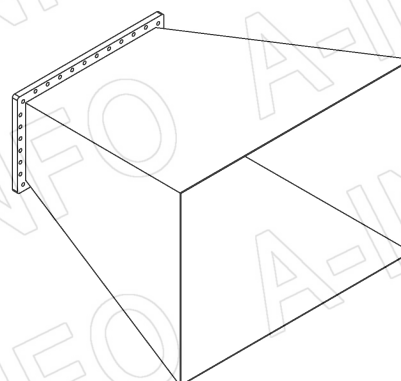
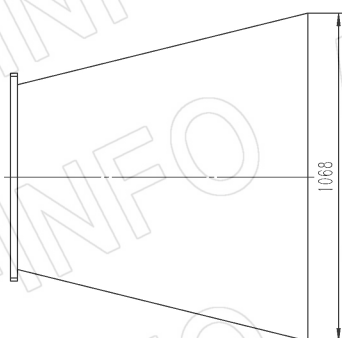
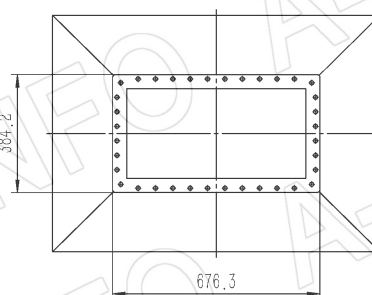
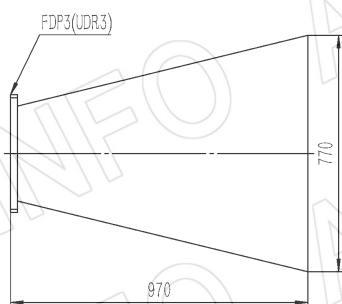
Technical Specification



Frequency Range(GHz)	0.32 – 0.49
Waveguide	WR2300
Gain(dBi)	10 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 50 Typ.
	H Plane: 46 Typ.
Cross Pol. Isolation(dB)	30 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP3(UDR3)
	C Type: N-Female or SMA-Female or 7/16mm-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 1068 x 770 x 970
	C Type: 1068 x 770 x 1502
Net Weight(Kg)	A Type: 27.0 Around
	C Type: 47.0 Around

Outline Drawing (Size: mm)

FDP3 Output (P/N: LB-2300-10-A)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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

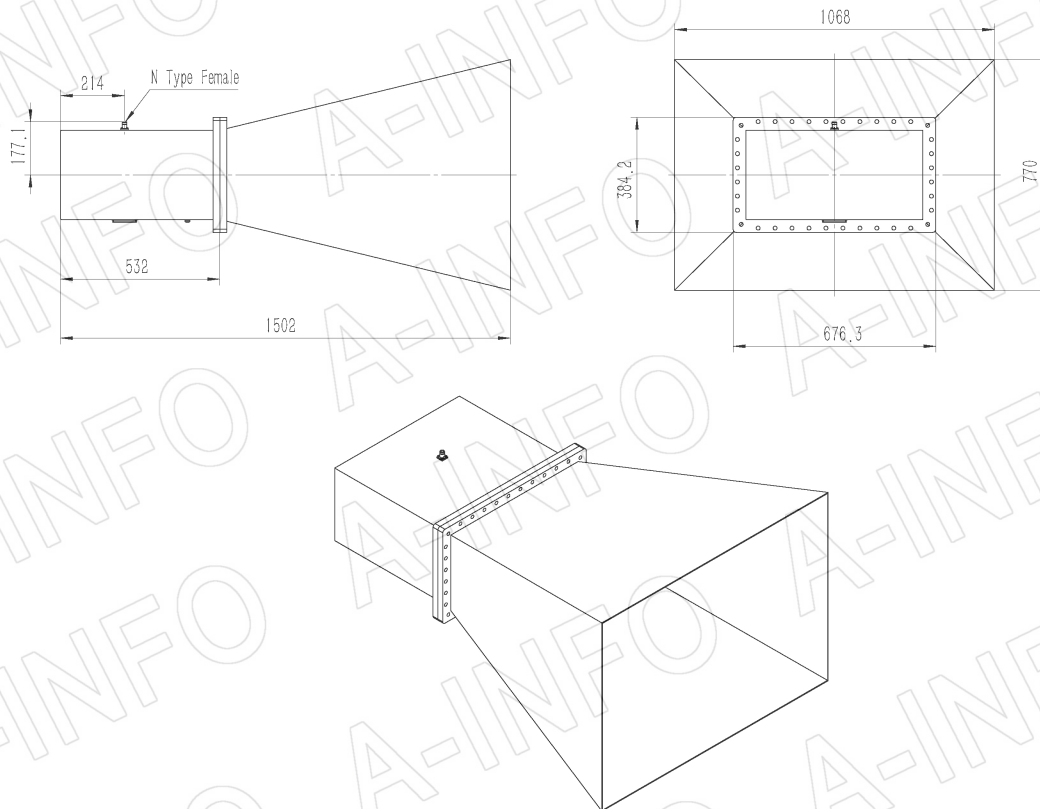
Page 1 of 10

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

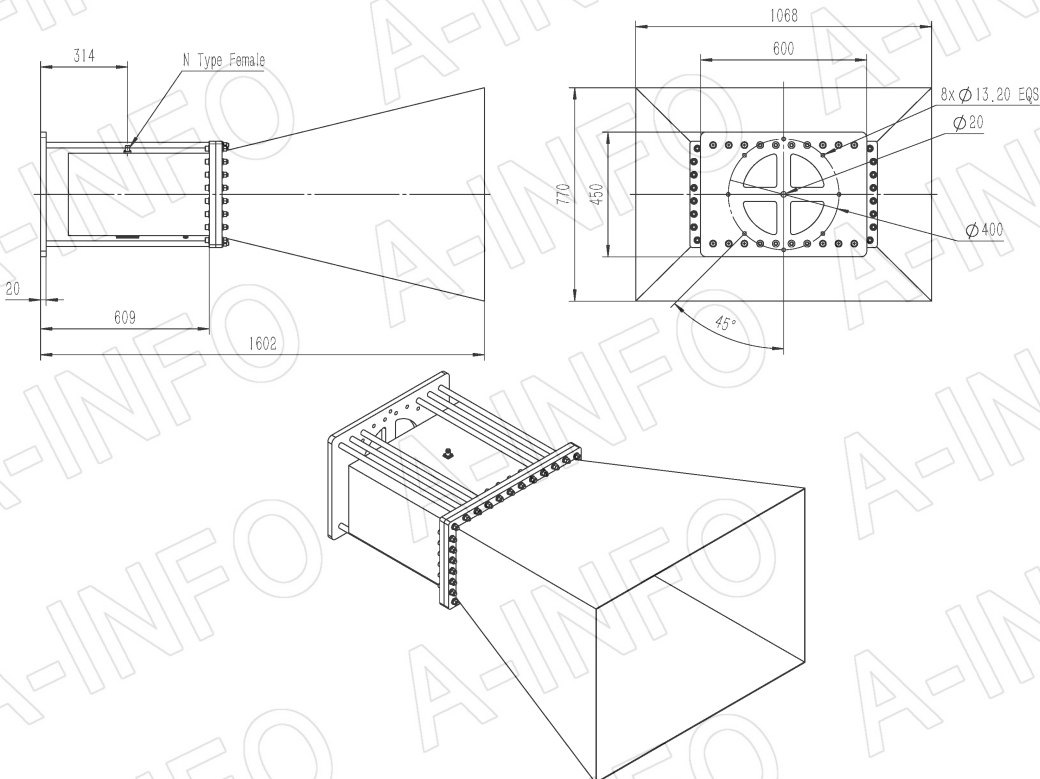
N-Female Output (P/N: LB-2300-10-C-NF)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



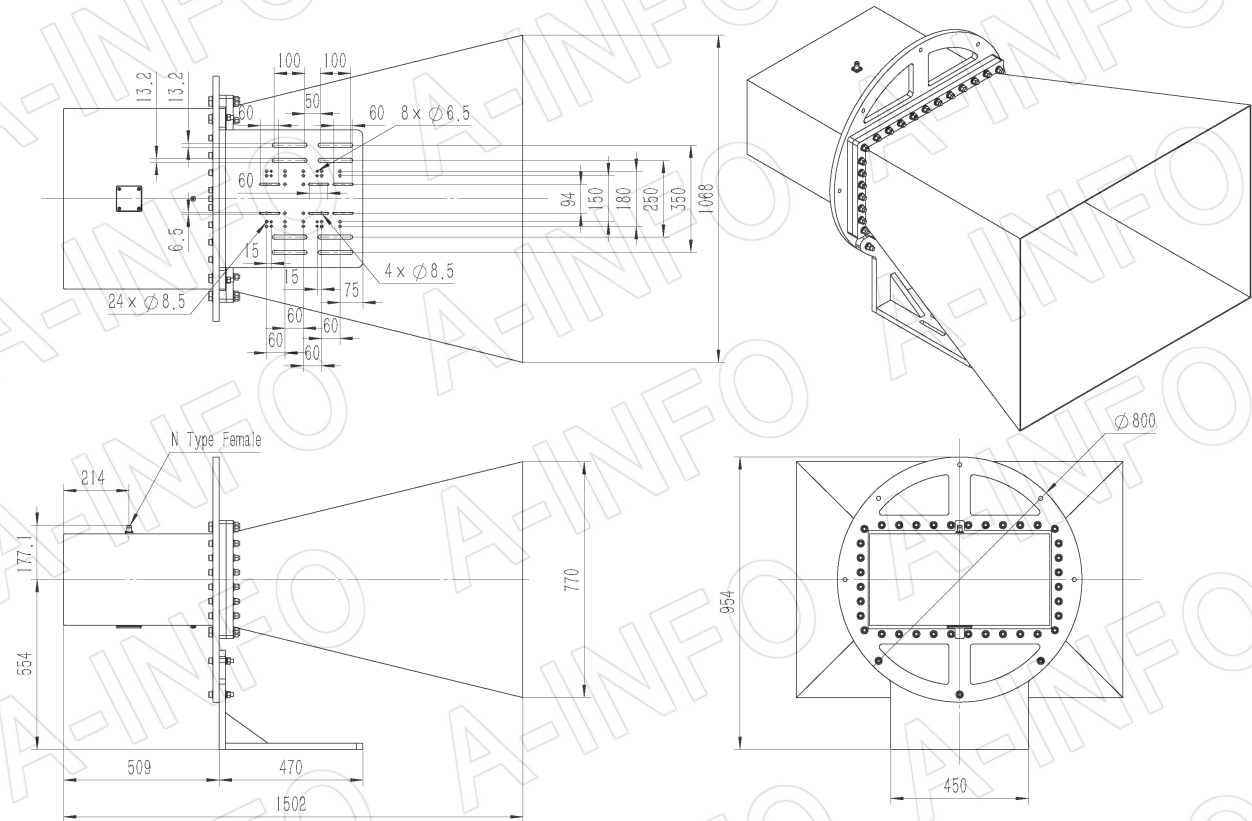
N-Female Output with Round Mounting Bracket (Option, P/N: LB-2300-10-C-MB)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

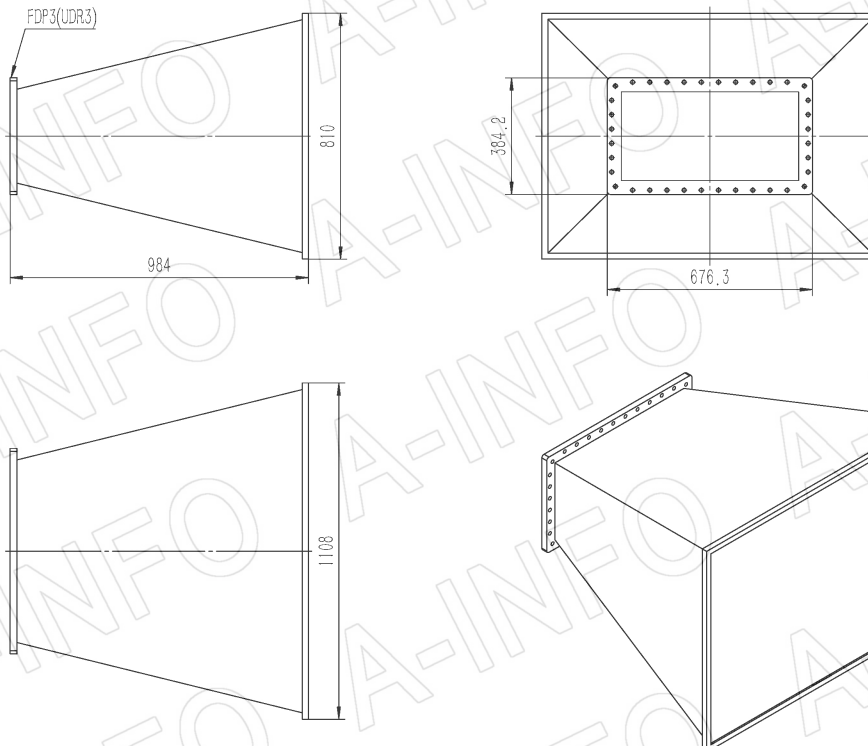


N-Female Output with L Type Mounting Bracket (Option, P/N: LB-2300-10-C-L)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

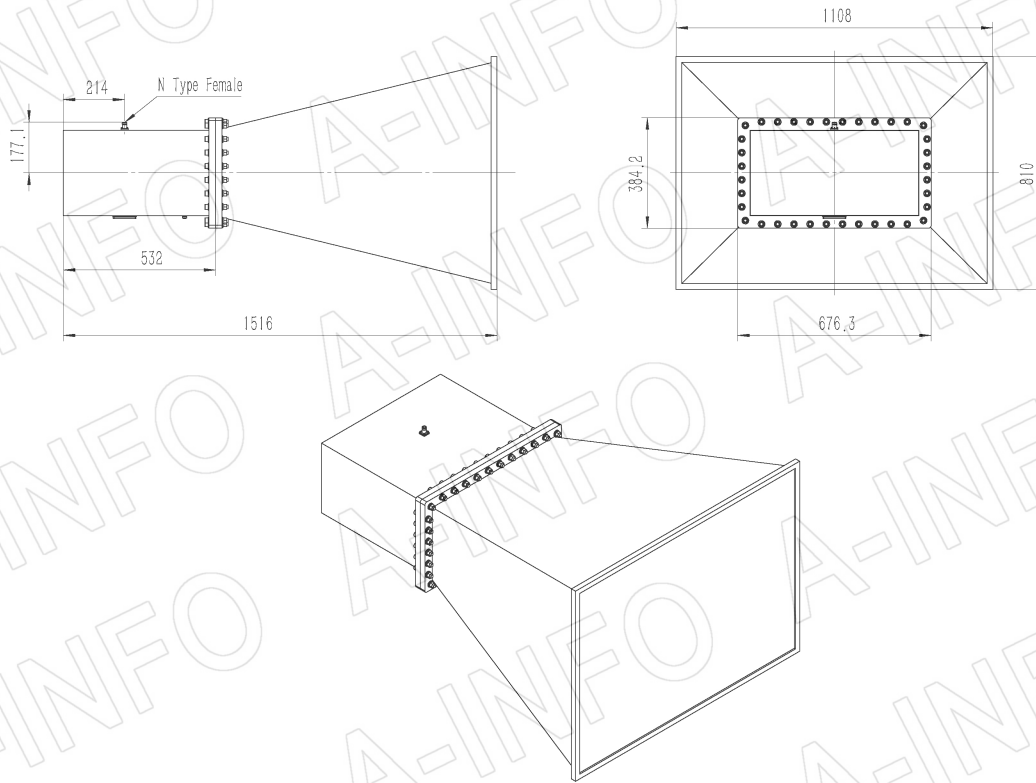


FDP3 Output with Radome (Option, P/N: LB-2300-10-ASPO, Outdoor Application)



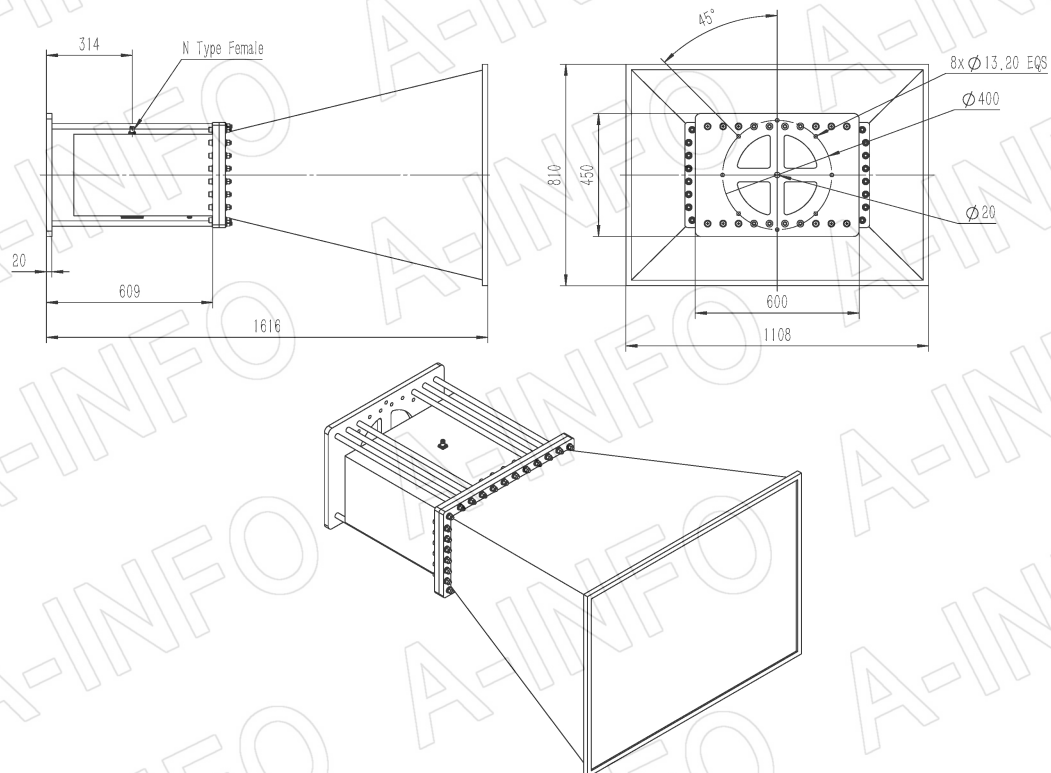
N-Female Output with Radome (Option, P/N: LB-2300-10-C-NFSP0, Outdoor Application)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



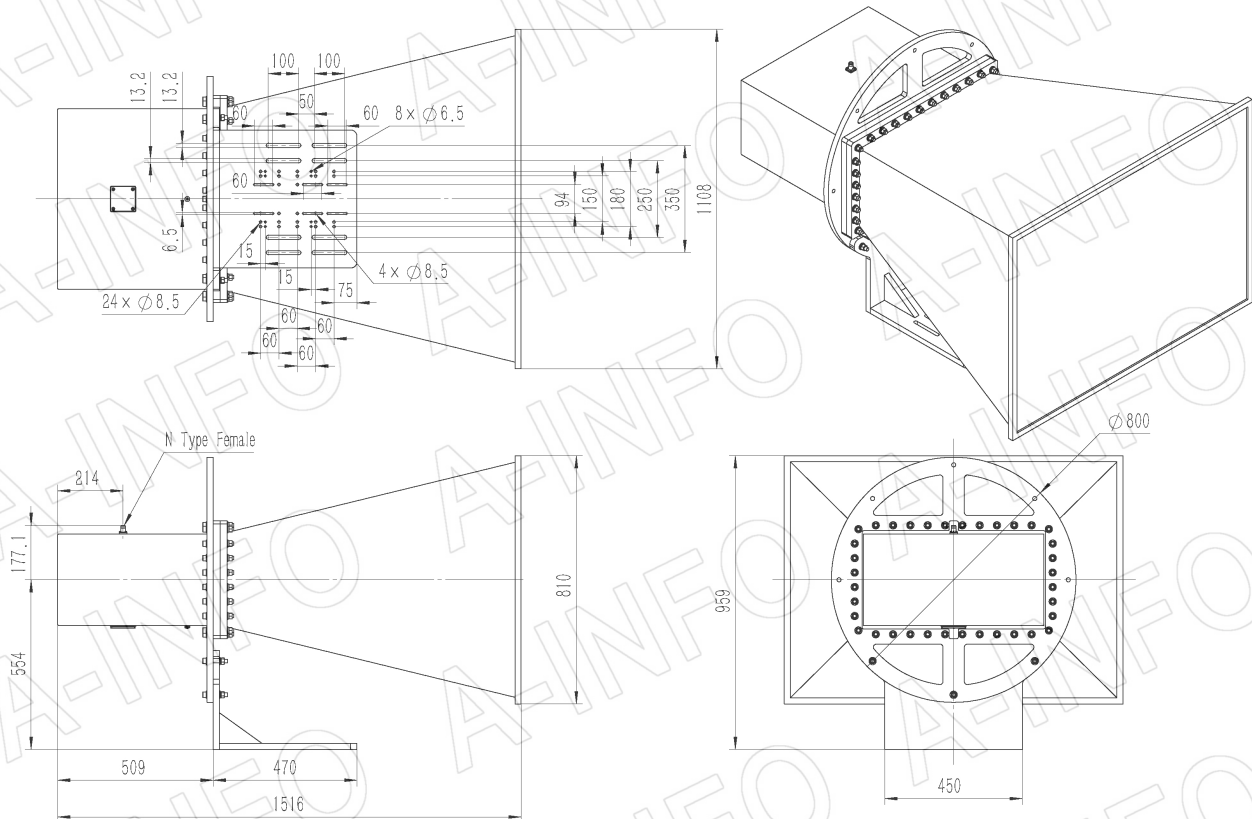
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-2300-10-C-MB & LB-2300-10-C-NFSP0, Outdoor Application)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.

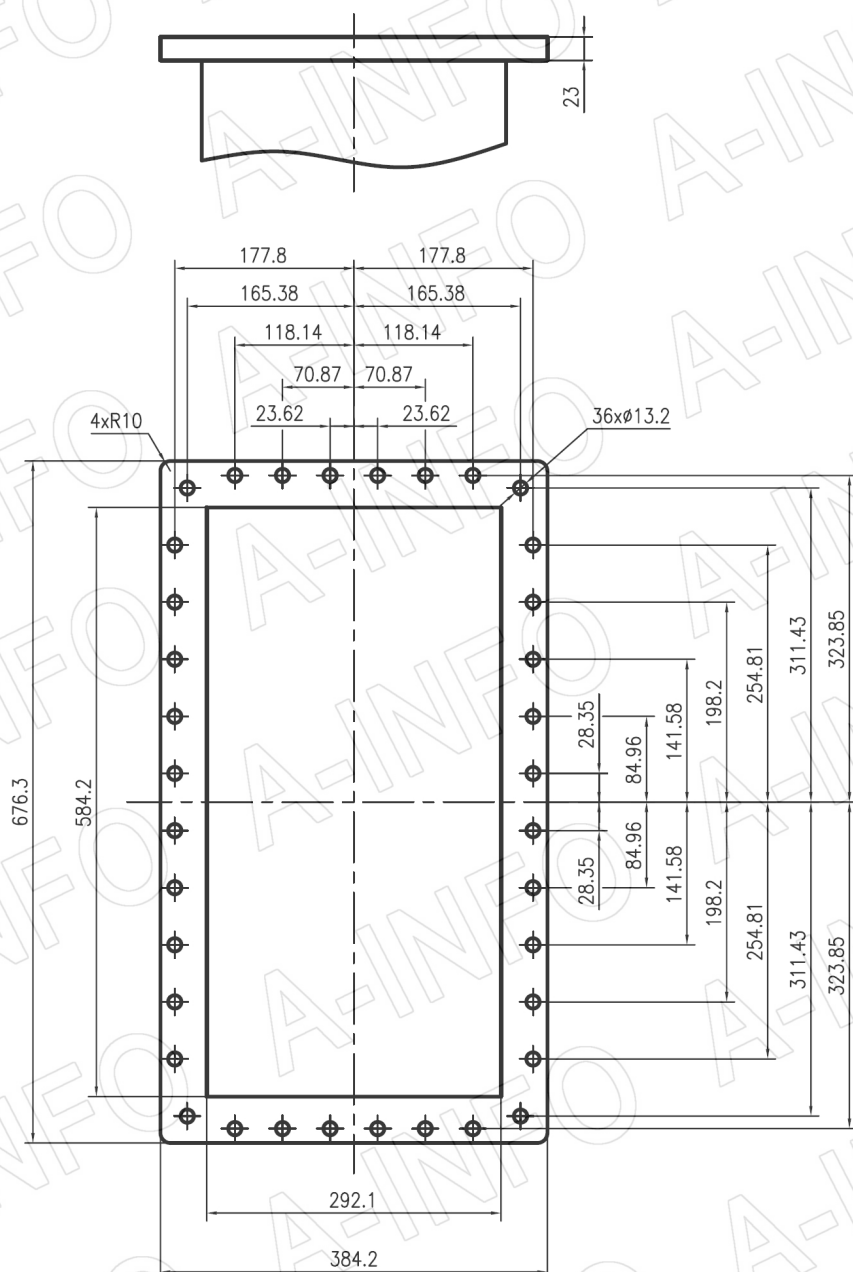


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-2300-10-C-L & LB-2300-10-C-NFSPO, Outdoor Application)

For SMA-Female or 7/16-Female output outline drawing, please contact A-INFO.



Flange Drawing (Size: mm)



FDP3

AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

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

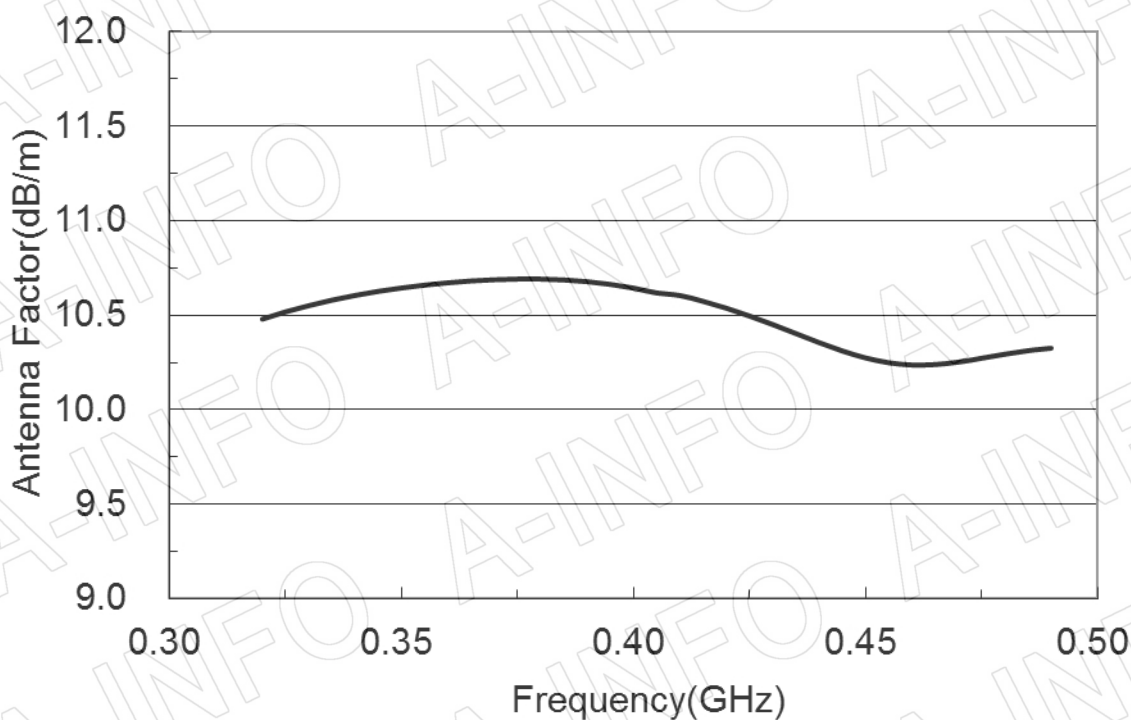
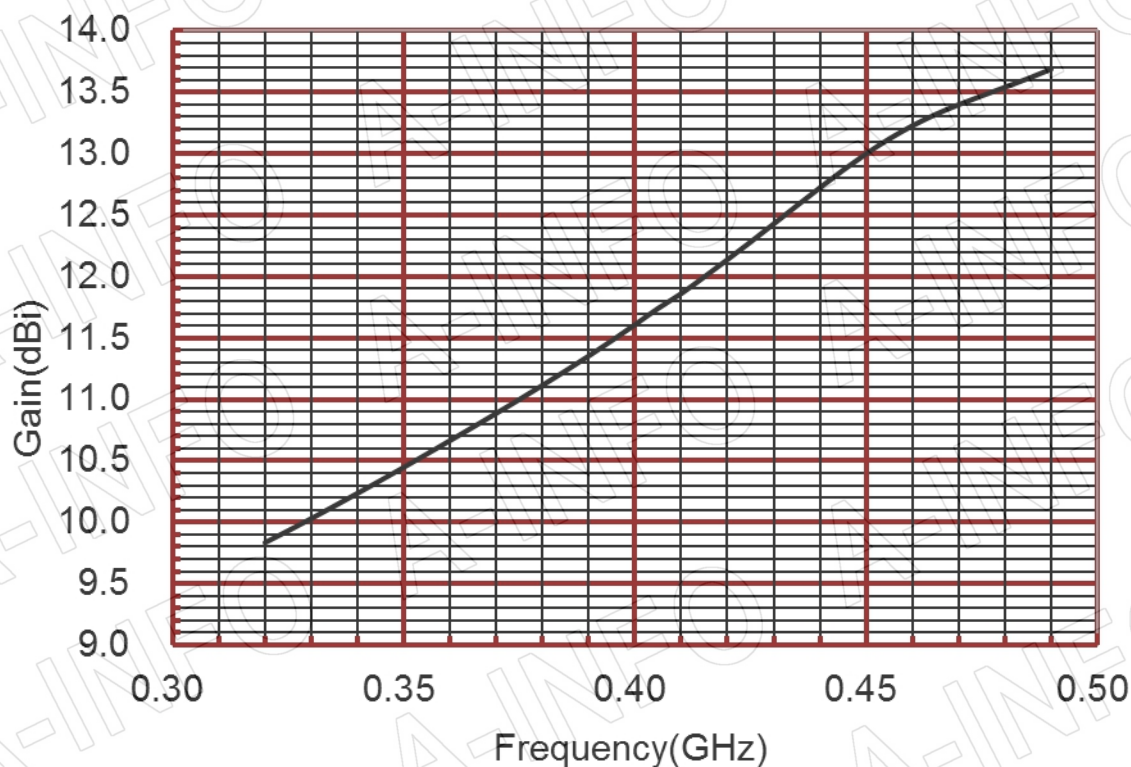
Page 6 of 10

Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Test Results

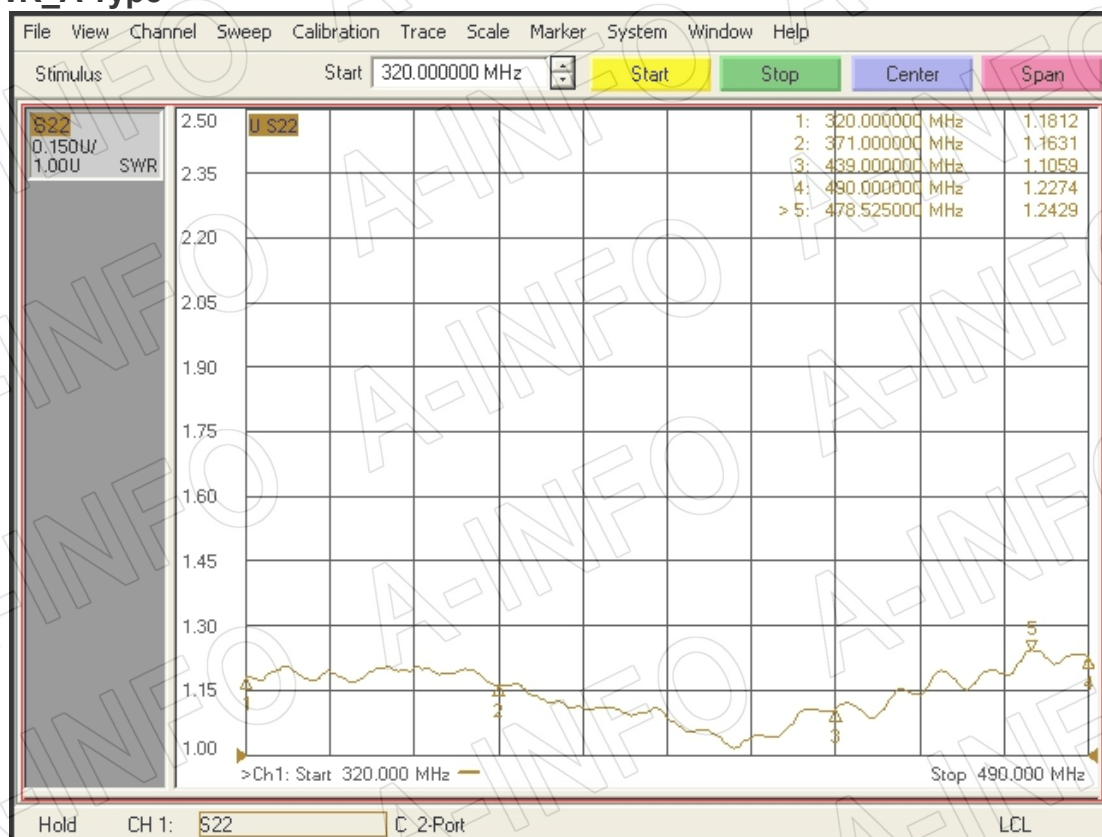
1. Gain & Antenna Factor



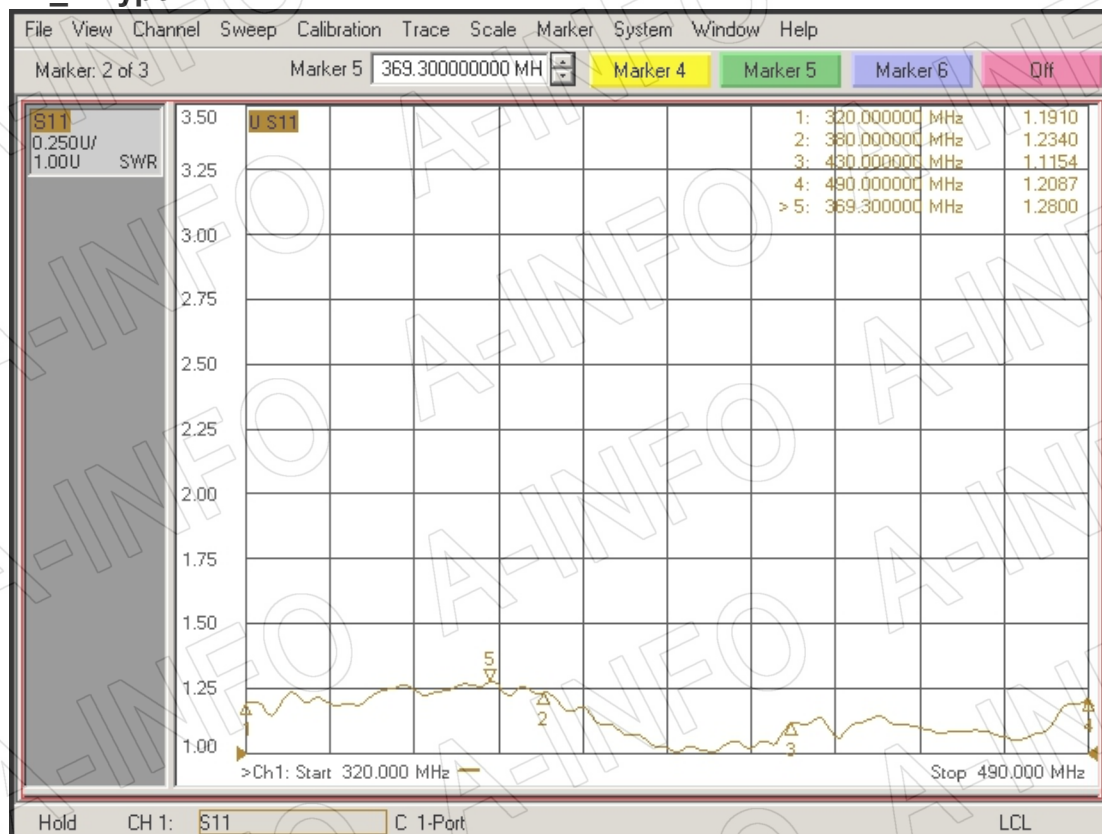
Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
0.320	9.83	10.48
0.325	9.93	10.52
0.330	10.03	10.55
0.335	10.13	10.58
0.340	10.24	10.60
0.345	10.34	10.63
0.350	10.45	10.64
0.355	10.56	10.66
0.360	10.66	10.67
0.365	10.77	10.68
0.370	10.89	10.69
0.375	11.00	10.69
0.380	11.11	10.69
0.385	11.23	10.69
0.390	11.35	10.68
0.395	11.48	10.66
0.400	11.61	10.64
0.405	11.74	10.62

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
0.410	11.86	10.60
0.415	12.00	10.57
0.420	12.14	10.54
0.425	12.28	10.50
0.430	12.43	10.45
0.435	12.58	10.40
0.440	12.72	10.36
0.445	12.87	10.31
0.450	13.00	10.27
0.455	13.12	10.25
0.460	13.23	10.24
0.465	13.32	10.24
0.470	13.40	10.25
0.475	13.47	10.27
0.480	13.54	10.29
0.485	13.61	10.31
0.490	13.69	10.33

2. VSWR_A Type



VSWR_C Type



3. Pattern

