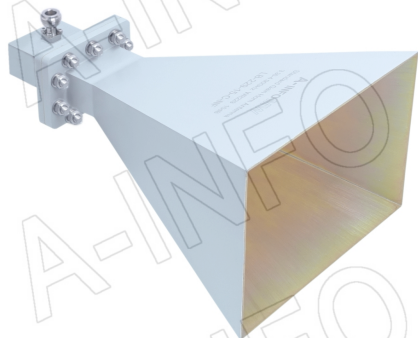


For reference only. See data sheet for the detailed specifications.

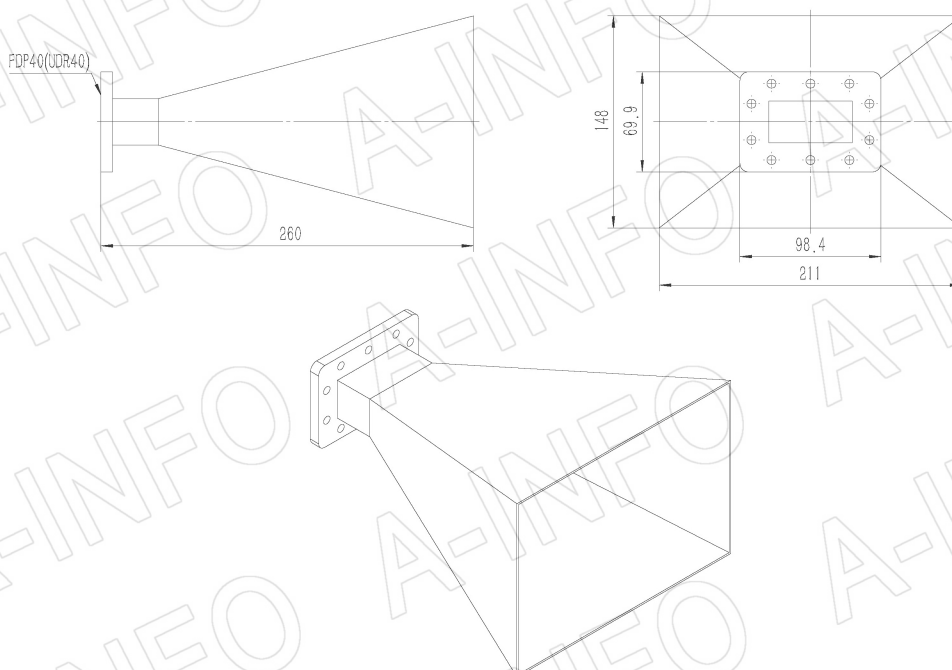
Technical Specification



Frequency Range(GHz)	3.3 – 4.9
Waveguide	WR229
Gain(dBi)	15 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 26 Typ.
	H Plane: 24 Typ.
Cross Pol. Isolation(dB)	35 Typ.
VSWR	A Type: 1.15:1 Typ.
	C Type: 1.25:1 Typ.
Output	A Type: FDP40(UDR40)
	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: 211 x 148 x 260
	C Type: 211 x 148 x 325
Net Weight(Kg)	A Type: 0.80 Around
	C Type: 1.10 Around

Outline Drawing (Size: mm)

FDP40 Output (P/N: LB-229-15-A)



AINFO Inc.

China(Beijing):
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

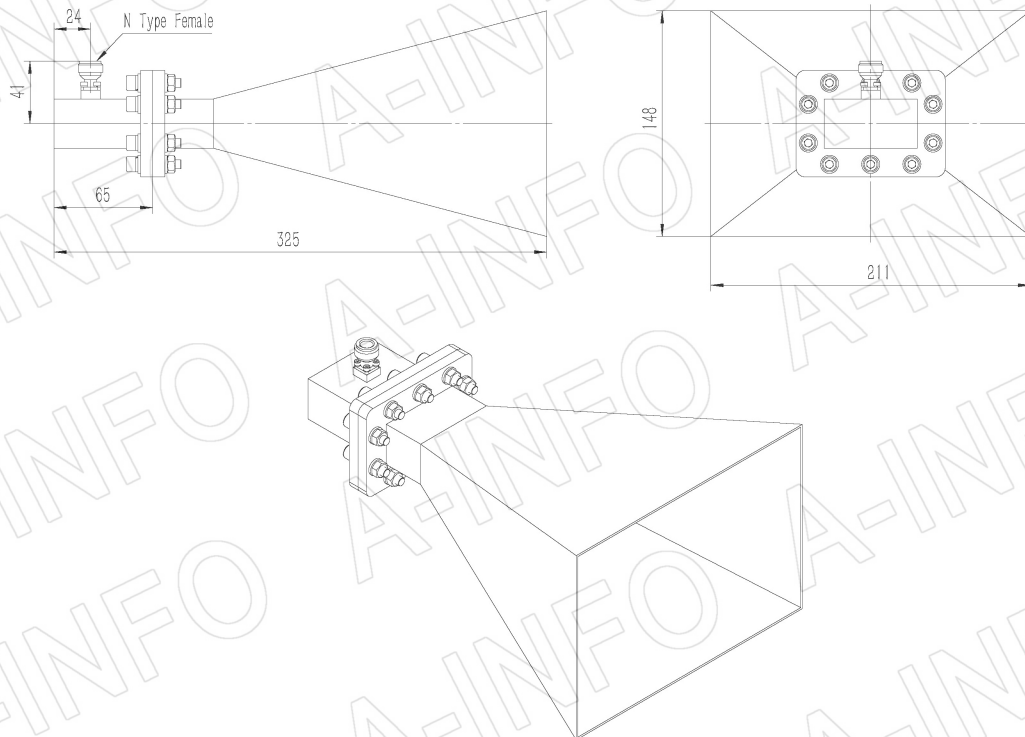
Page 1 of 10

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

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

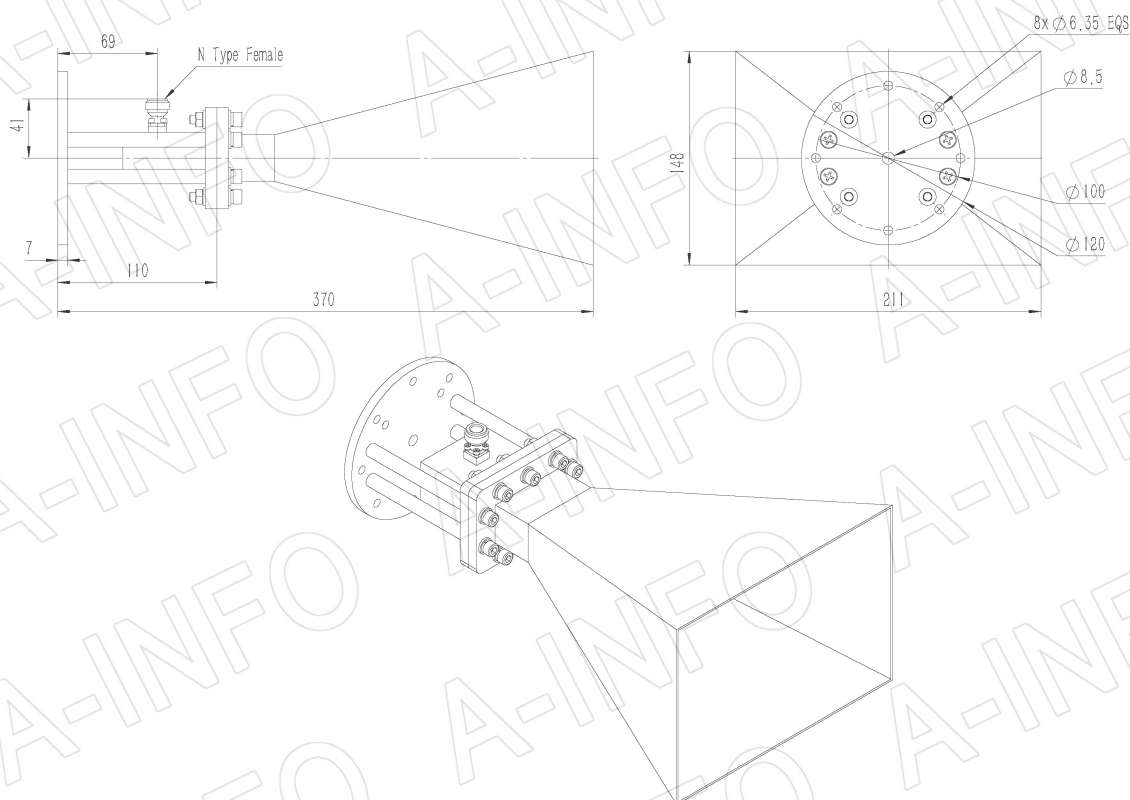
N-Female Output (P/N: LB-229-15-C-NF)

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



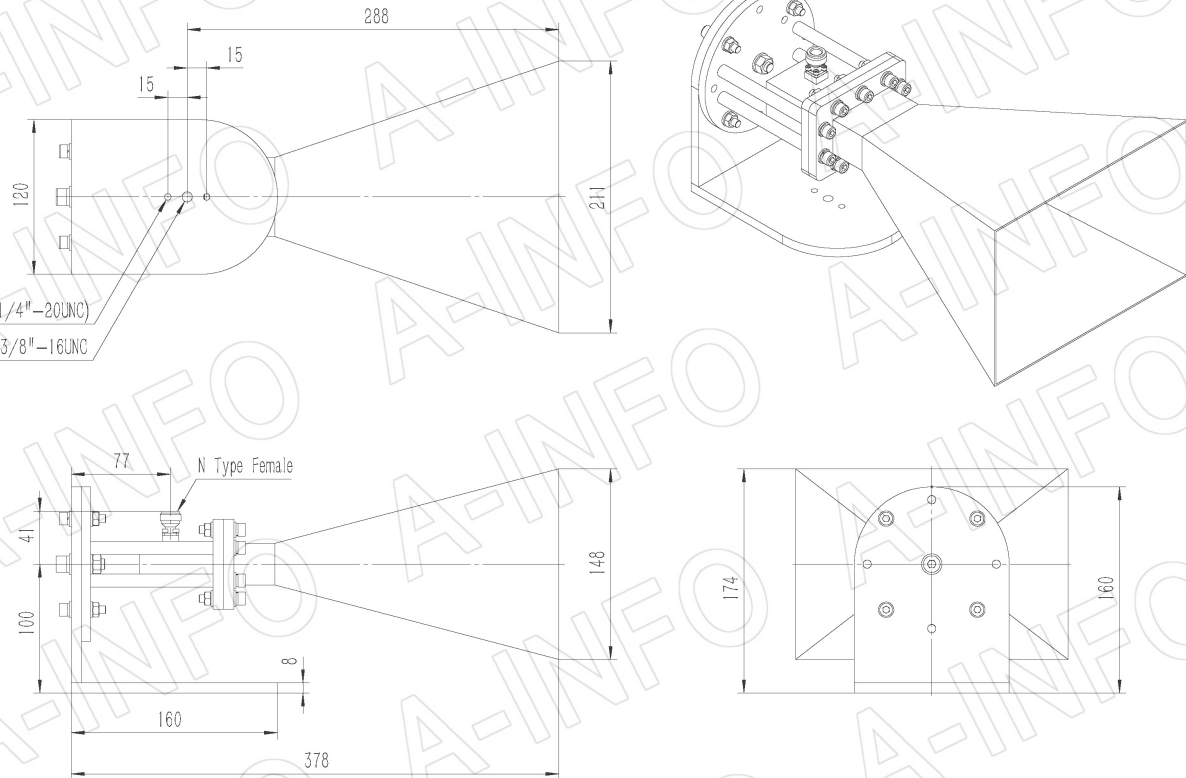
N-Female Output with Round Mounting Bracket (Option, P/N: LB-229-10-C-MB)

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

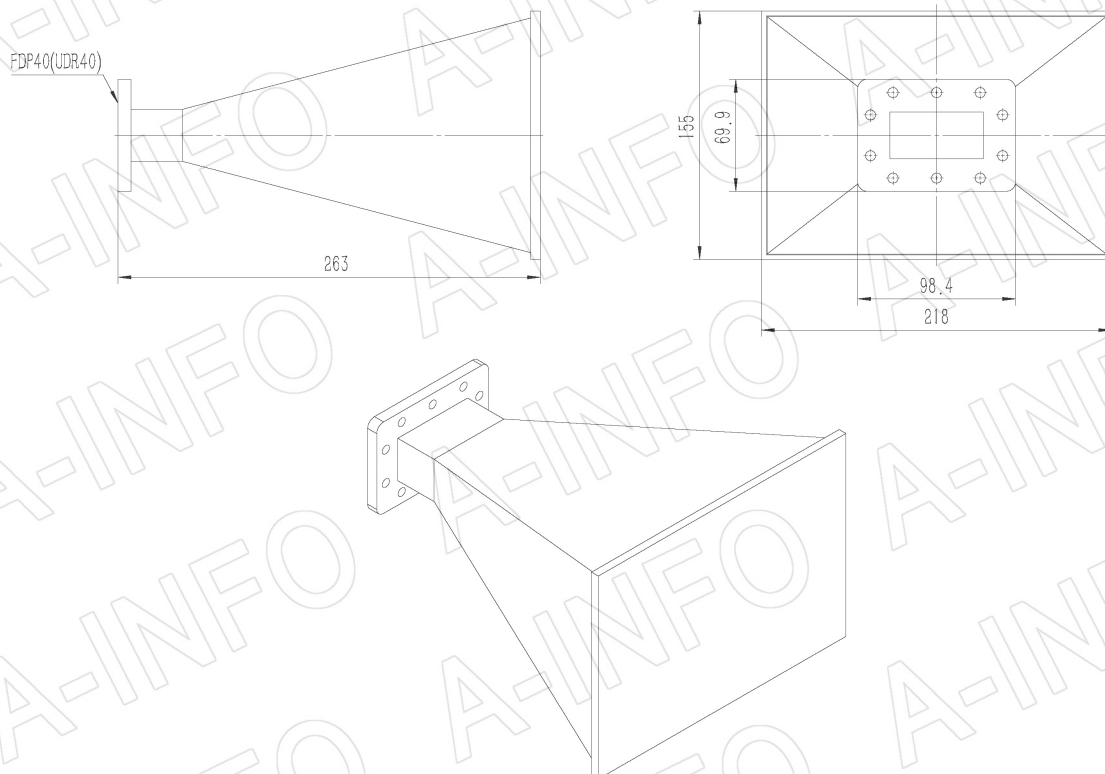


N-Female Output with L Type Mounting Bracket (Option, P/N:LB-229-10-C-MBL)

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

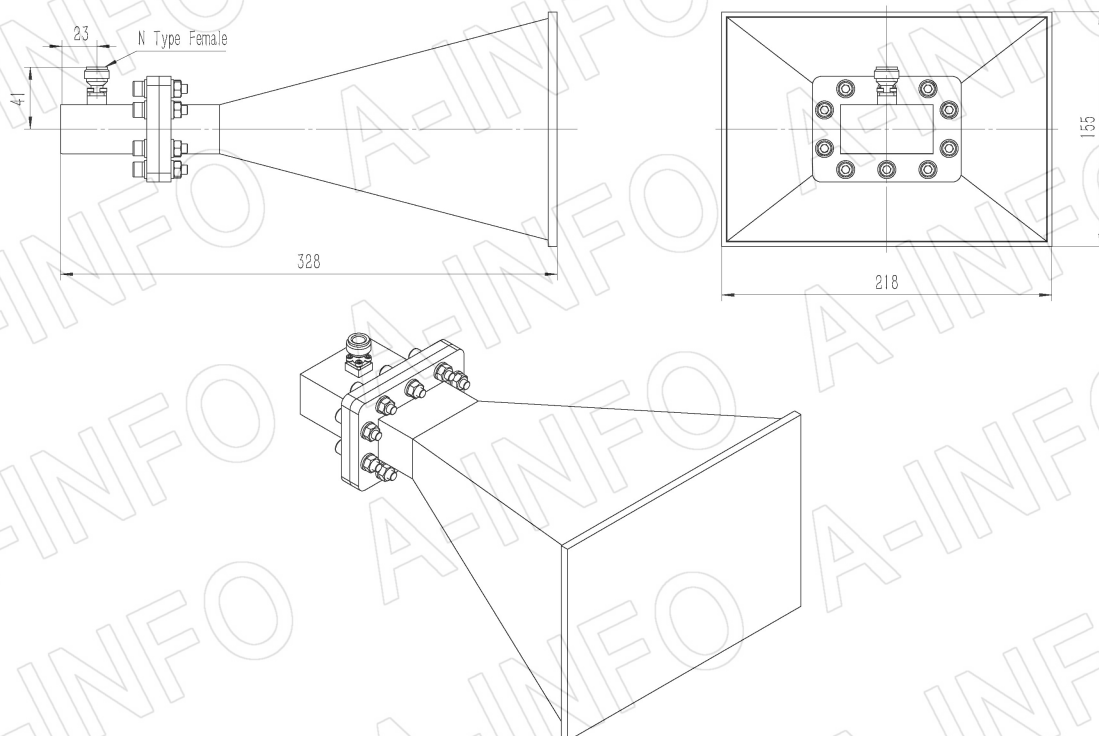


FDP40 Output with Radome (Option, P/N: LB-229-15-ASPO, Outdoor Application)



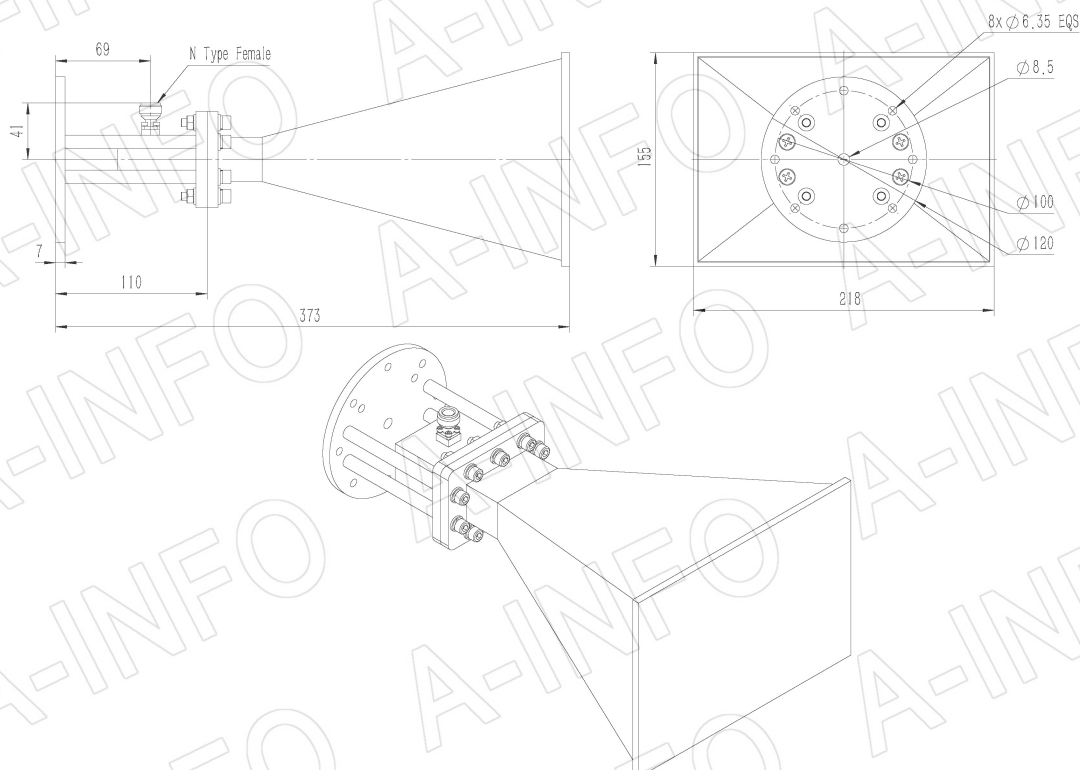
N-Female Output with Radome (Option, P/N: LB-229-15-C-NFSPO, Outdoor Application)

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



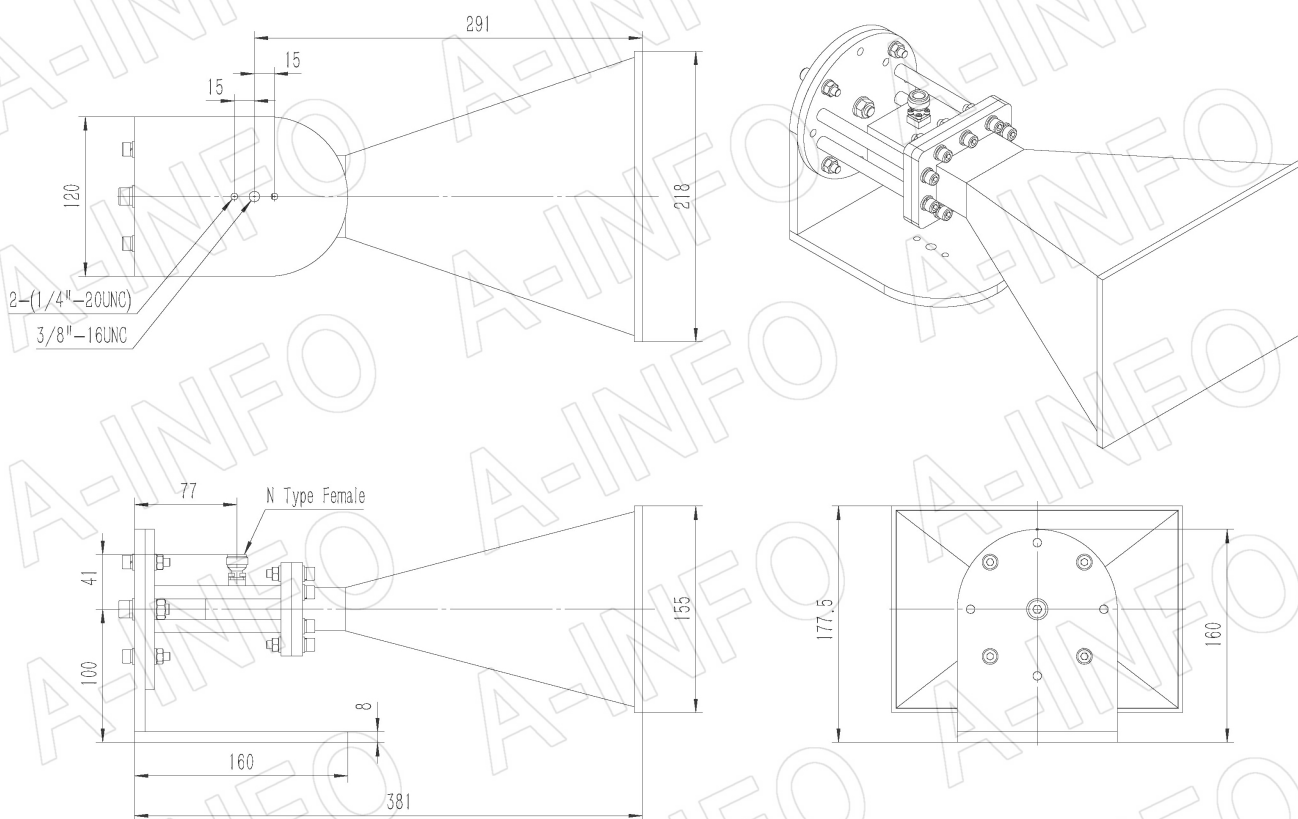
N-Female Output with Round Mounting Bracket & Radome (Option, P/N: LB-229-10-C-MB & LB-229-15-C-NFSPO, Outdoor Application)

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

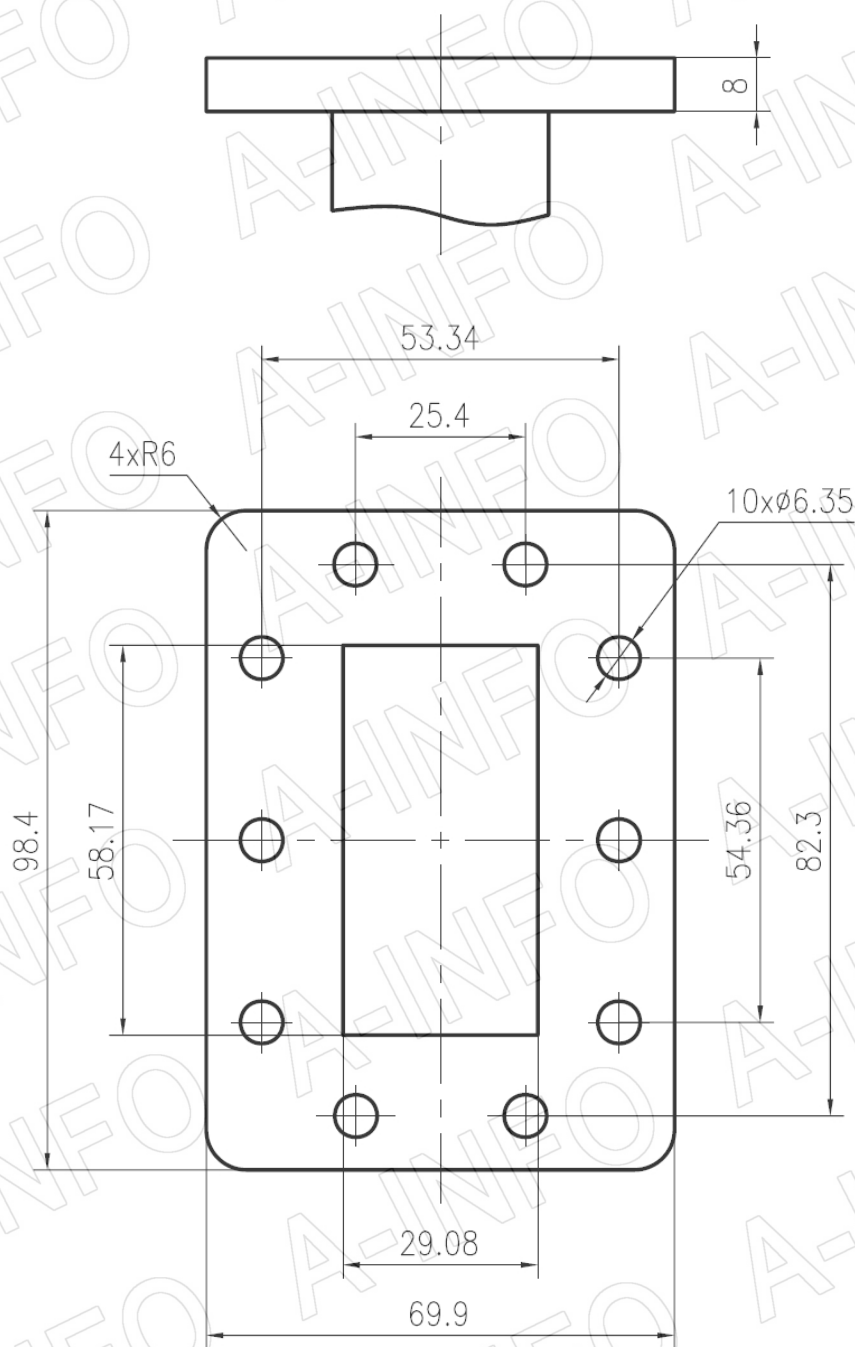


N-Female Output with L Type Mounting Bracket & Radome (Option, P/N: LB-229-10-C-MBL & LB-229-15-C-NFSPO, Outdoor Application)

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



Flange Drawing (Size: mm)



FDP40

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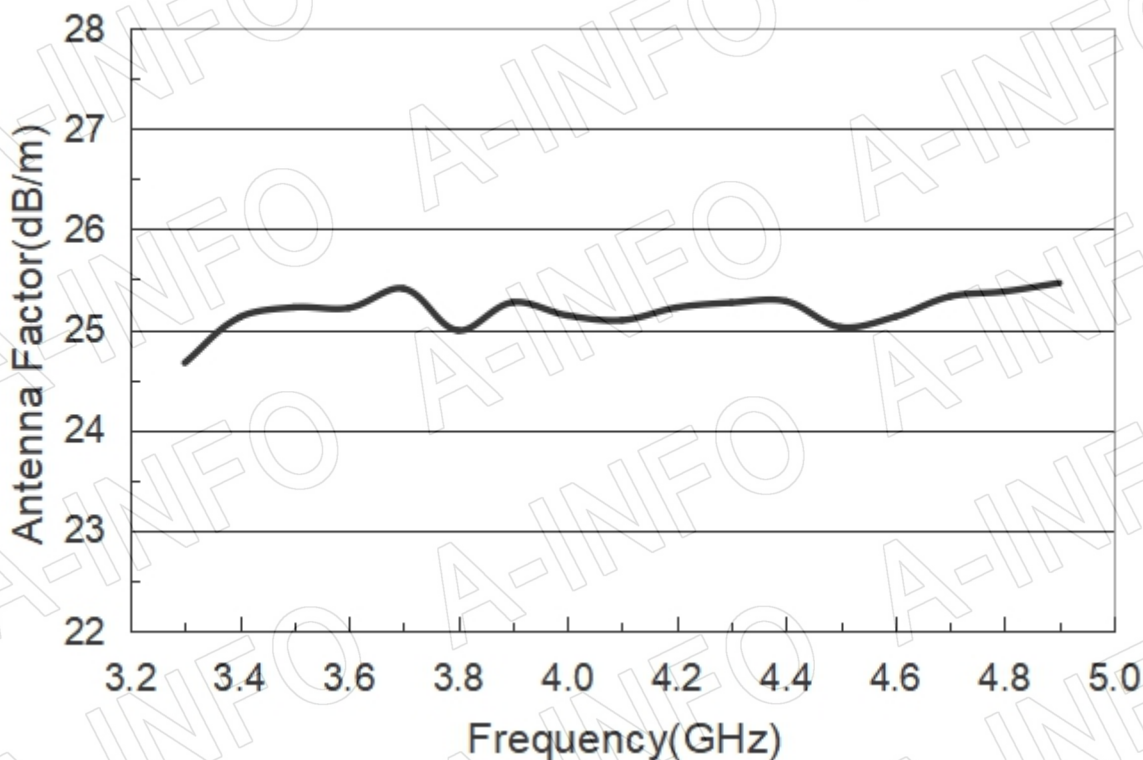
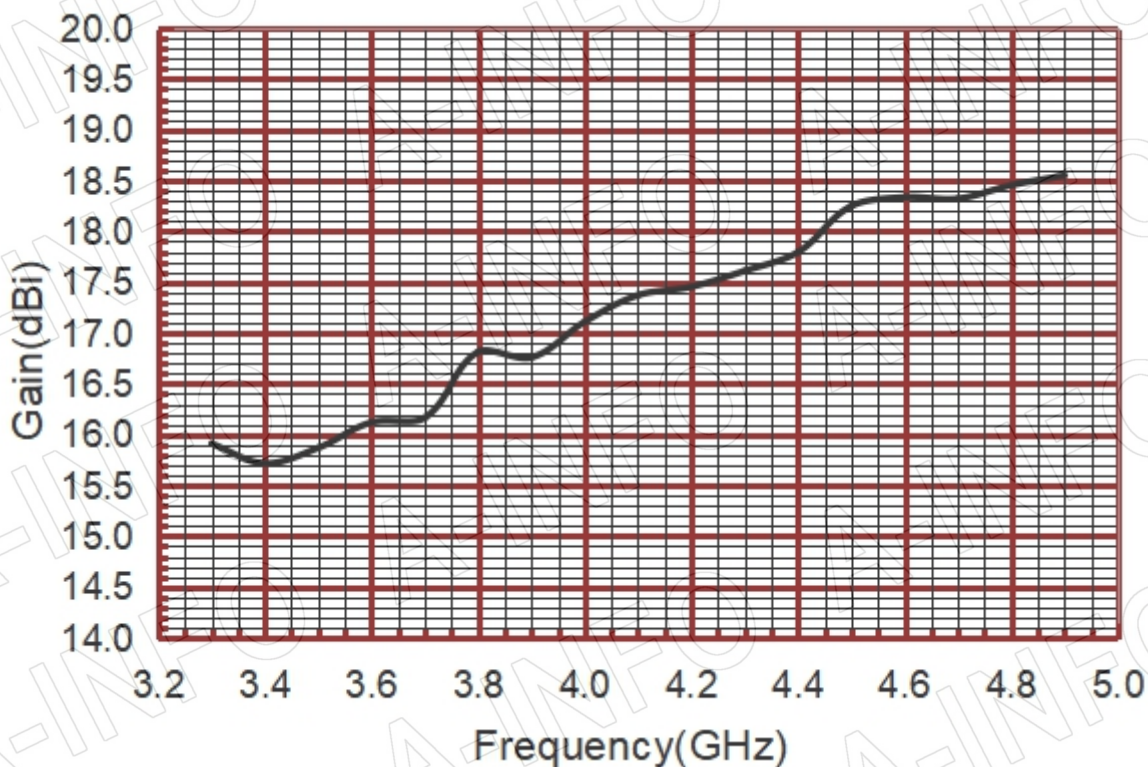
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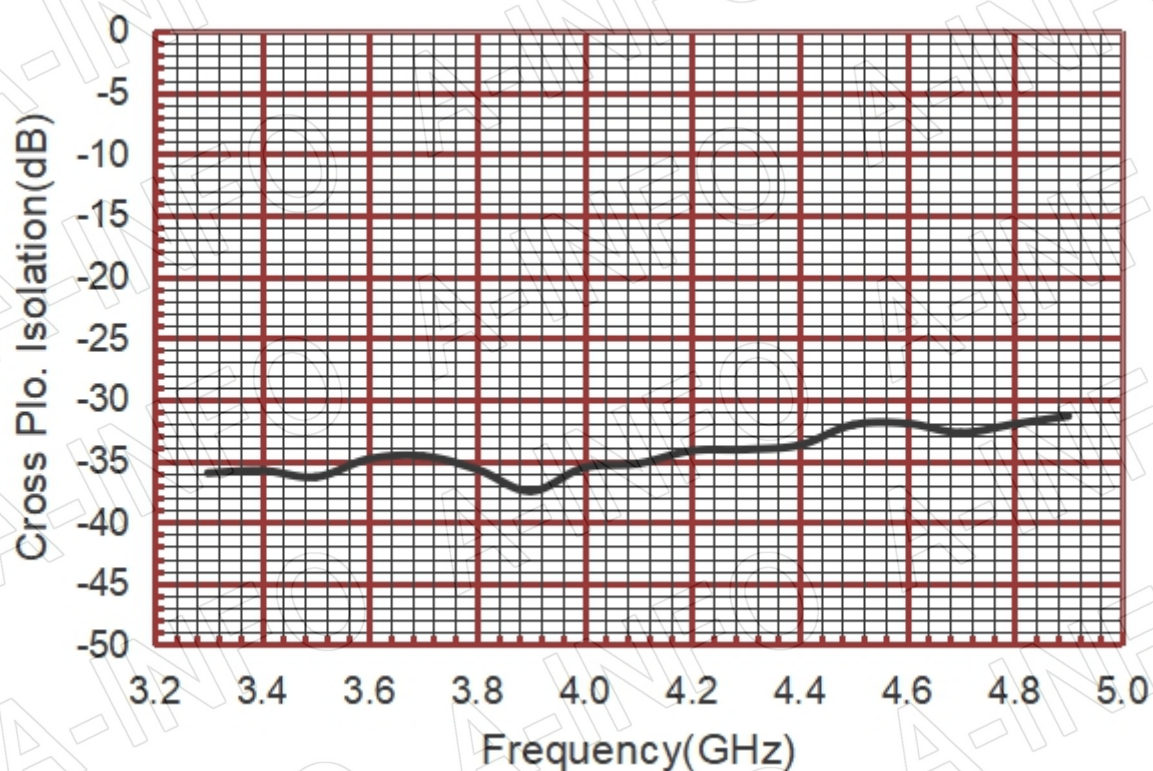
Test Results

1. Gain & Antenna Factor

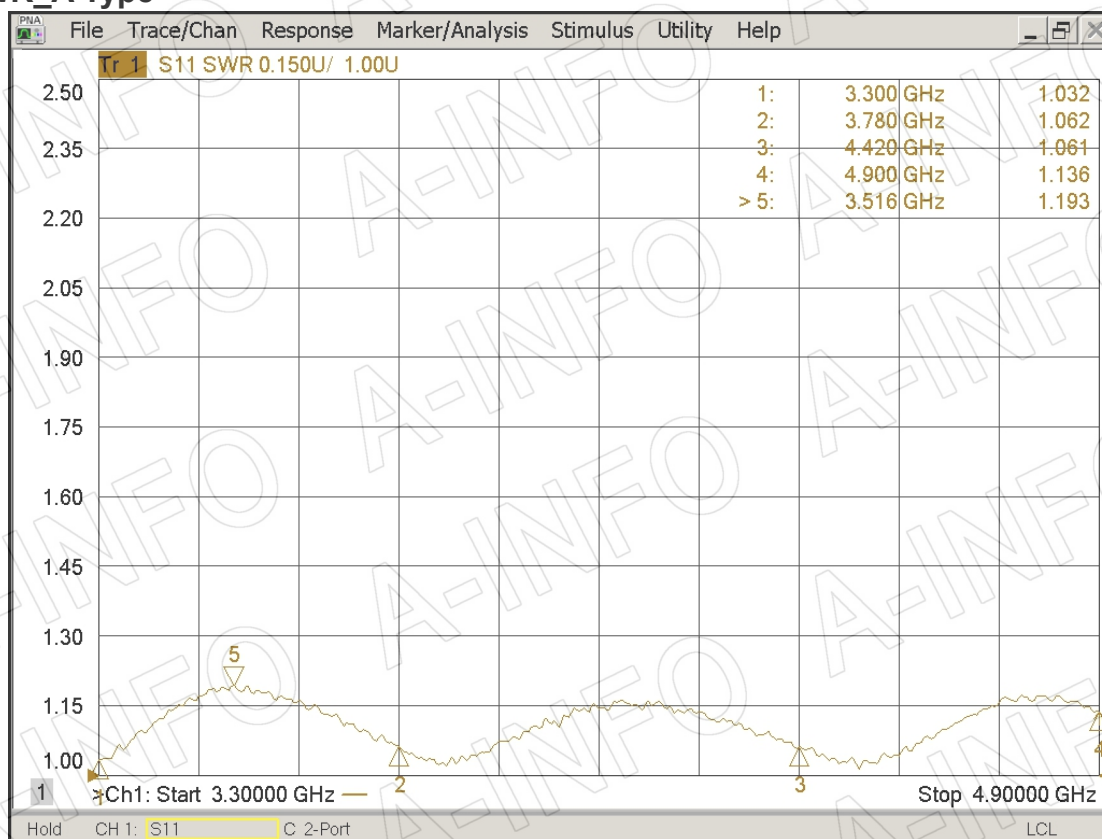


Frequency(GHz)	Gain(dBi)	Antenna Factor(dB/m)
3.3	15.91	24.67
3.4	15.72	25.12
3.5	15.87	25.22
3.6	16.12	25.22
3.7	16.17	25.41
3.8	16.81	24.99
3.9	16.76	25.27
4.0	17.11	25.14
4.1	17.37	25.09
4.2	17.46	25.22
4.3	17.61	25.27
4.4	17.80	25.28
4.5	18.25	25.02
4.6	18.34	25.13
4.7	18.32	25.33
4.8	18.46	25.38
4.9	18.55	25.46

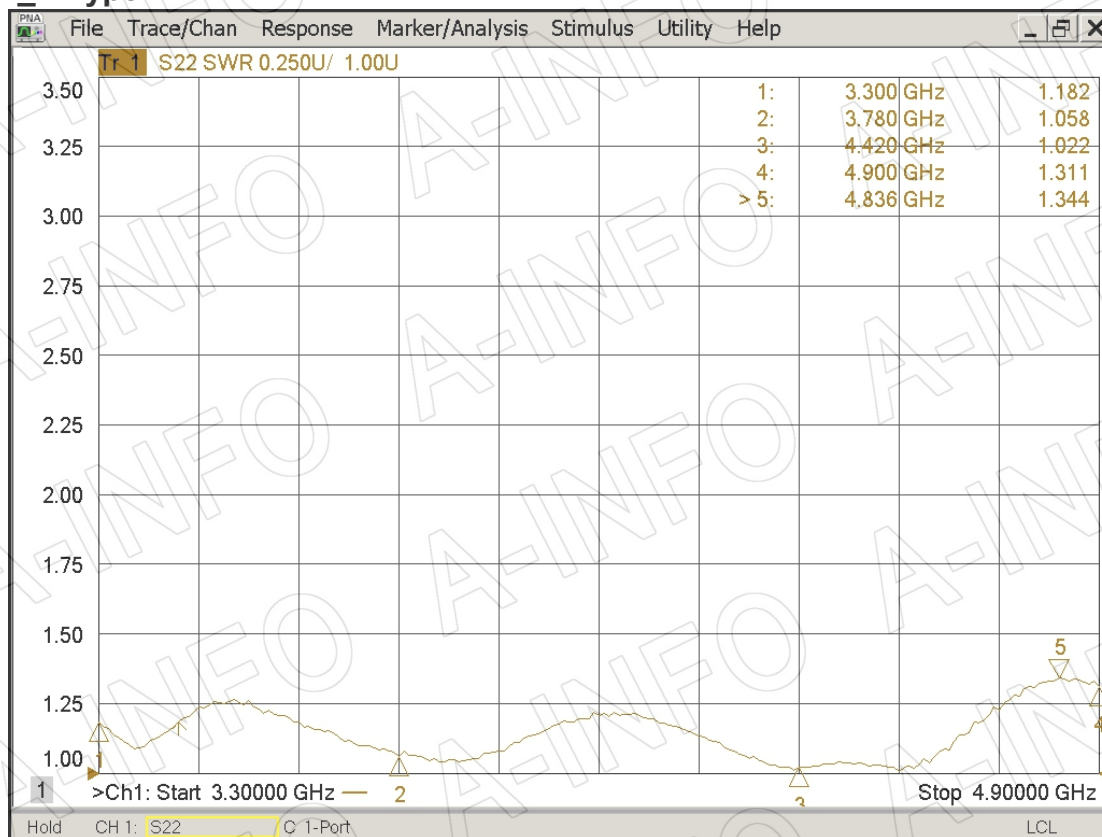
2. Cross Polarization Isolation



3. VSWR_A Type



VSWR_C Type



4. Pattern

