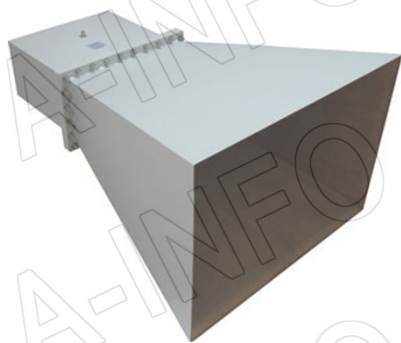


For reference only. See data sheet for the detailed specifications.

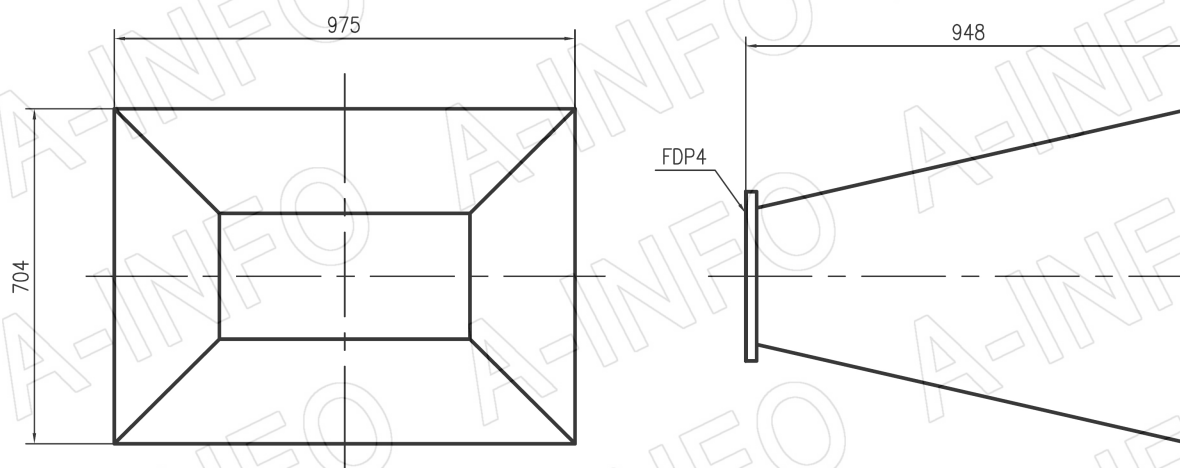
Technical Specification



Frequency Range(GHz)	0.35 – 0.53
Waveguide	WR2100
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: FDP4(UDR4)
	C Type: N-Female or SMA-Female or 7/16-Female
Material	Al
Finish	Chemical Conversion Coating, Gray Paint
Size(mm)	A Type: 975 x 704 x 948
	C Type: 975 x 704 x 1434
Net Weight(Kg)	A Type: 24.0 Around
	C Type: 42.0 Around

Outline Drawing (Size: mm)

FDP4 Output (P/N: LB-2100-10-A)



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China(Chengdu): Tel: (+86) 28-8519-2786,
USA : Tel: (+1) 949-639-9688,

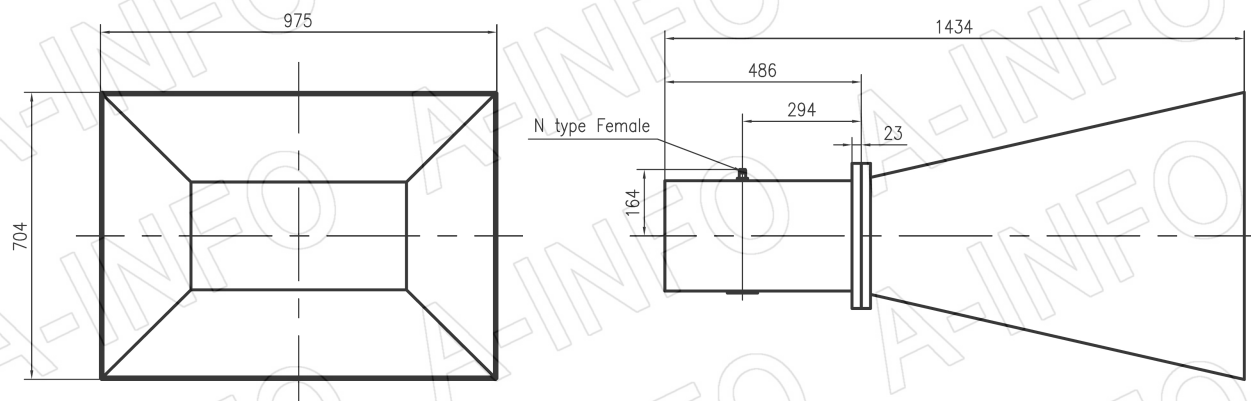
Page 1 of 6

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(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

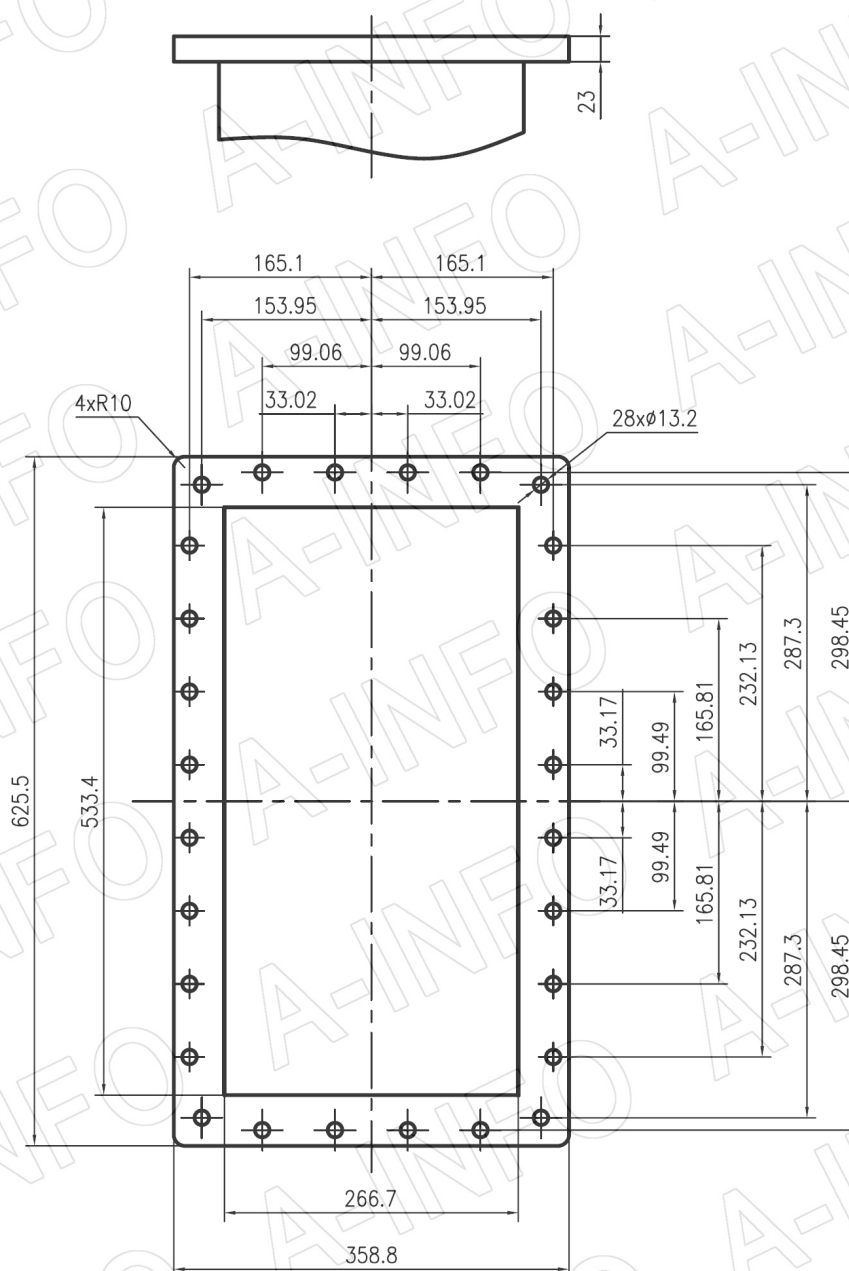
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

N-Female Output (P/N: LB-2100-10-C-NF)

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



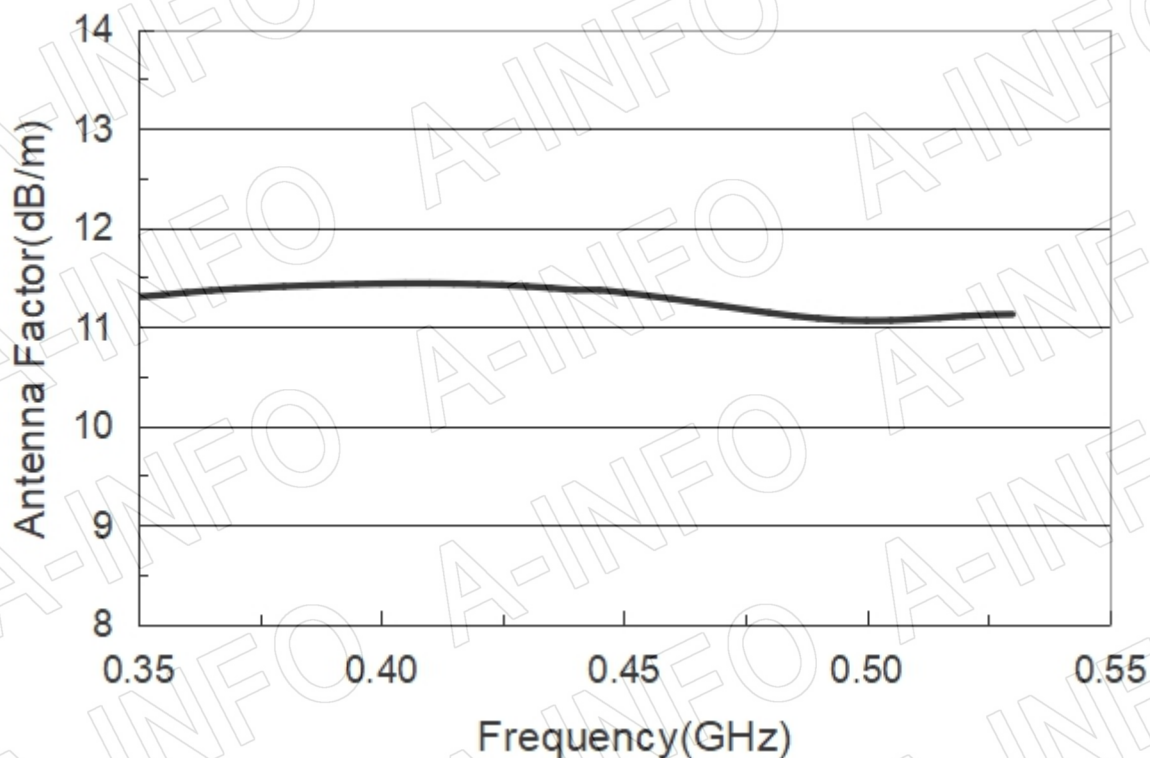
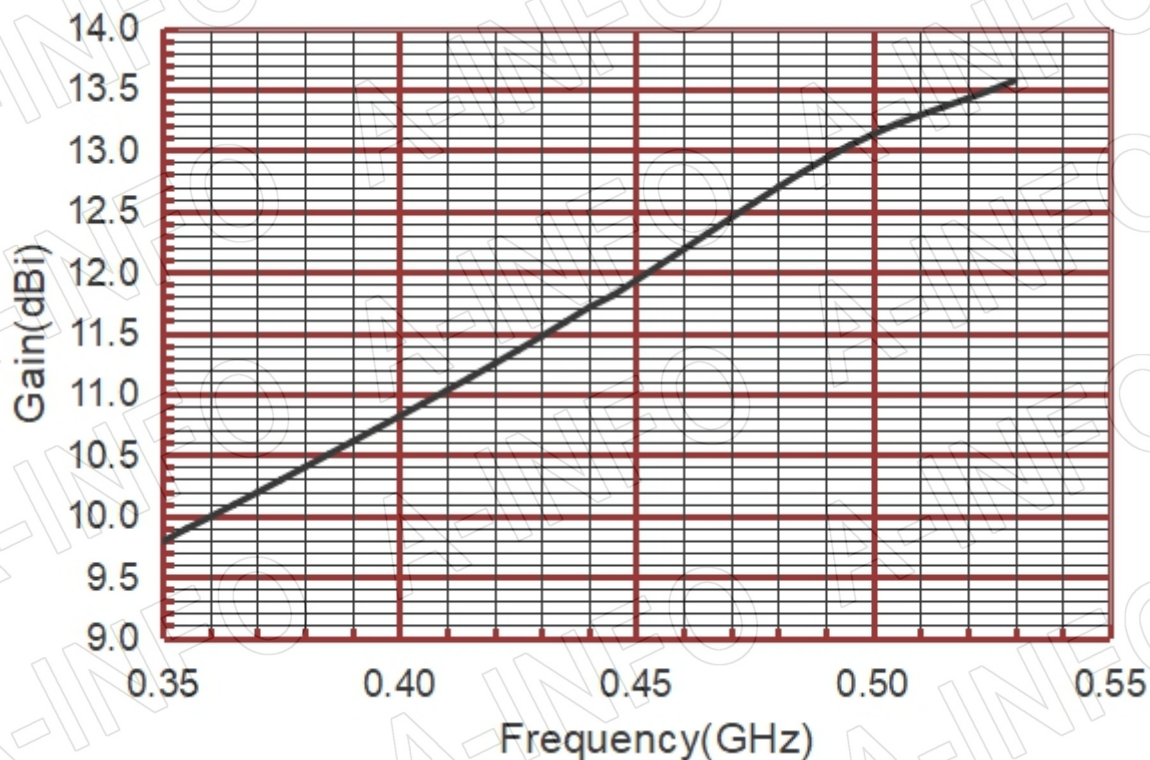
Flange Drawing (Size: mm)



FDP4

Test Results

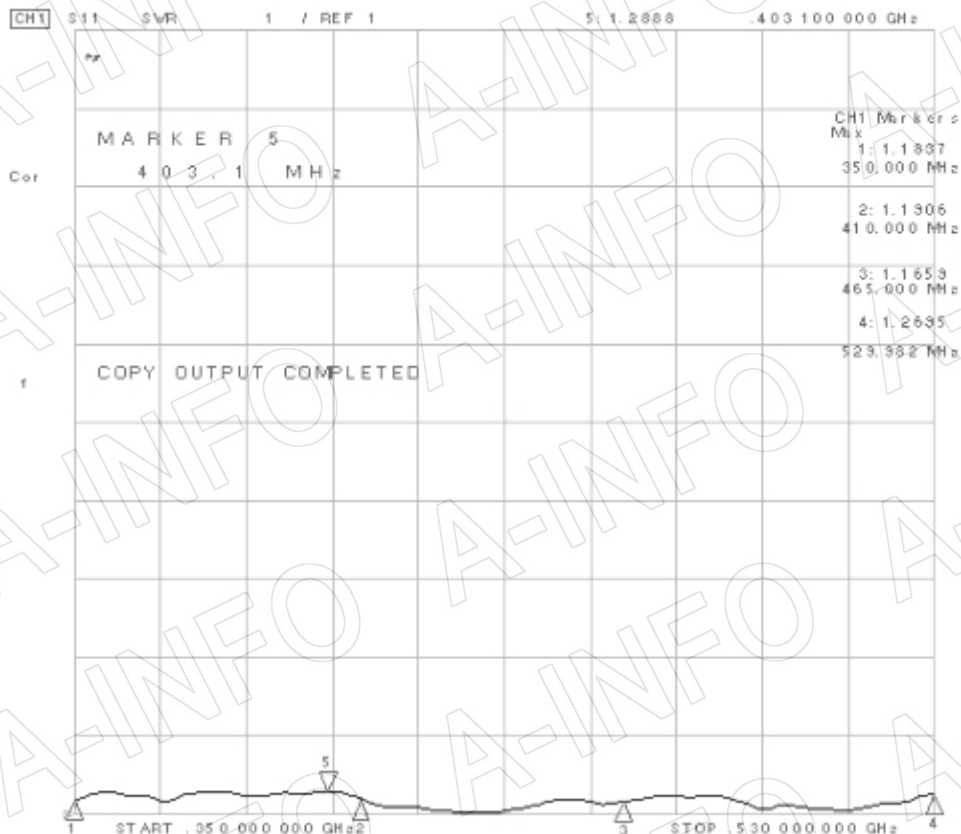
1. Gain & Antenna Factor



Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
0.350	9.79	11.30
0.355	9.89	11.32
0.360	9.99	11.35
0.365	10.09	11.37
0.370	10.19	11.38
0.375	10.29	11.40
0.380	10.40	11.41
0.385	10.50	11.42
0.390	10.61	11.42
0.395	10.71	11.43
0.400	10.82	11.44
0.405	10.92	11.44
0.410	11.03	11.44
0.415	11.14	11.44
0.420	11.25	11.43
0.425	11.36	11.42
0.430	11.47	11.41
0.435	11.59	11.39
0.440	11.71	11.37

Frequency (GHz)	Gain (dBi)	Antenna Factor (dB/m)
0.445	11.81	11.37
0.450	11.93	11.34
0.455	12.06	11.31
0.460	12.18	11.28
0.465	12.31	11.25
0.470	12.44	11.21
0.475	12.57	11.17
0.480	12.69	11.14
0.485	12.81	11.11
0.490	12.93	11.09
0.495	13.03	11.07
0.500	13.13	11.06
0.505	13.21	11.06
0.510	13.29	11.08
0.515	13.35	11.09
0.520	13.42	11.11
0.525	13.49	11.12
0.530	13.57	11.13

2. VSWR



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3. Pattern

