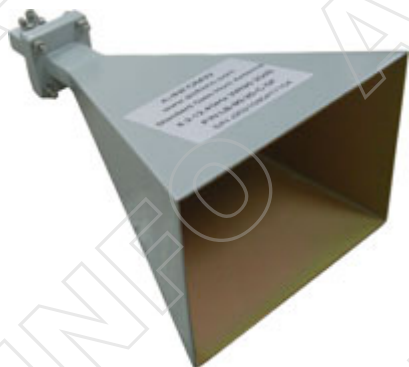


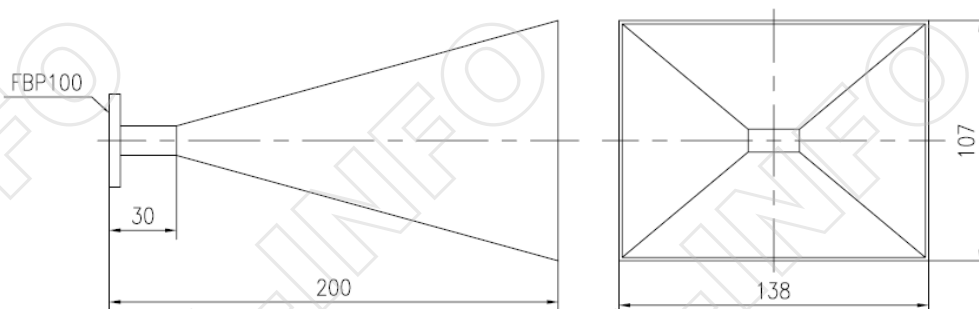
Technical Specification



Frequency Range(GHz)	8.2 - 12.4
Gain(dB)	20 Typ.
3dB Beamwidth(deg)	18 Typ.
Waveguide	WR90
Material	Al
Output	A Type: FBP100 C Type: N/SMA/3.5mm/TNC/7mm
Size(mm) W x H x L	A Type: 138x107x200 C Type: 138x107x238
Net Weight(Kg)	A Type: 0.25 Around C Type: 0.3 Around

Outline Drawing (Size: mm)

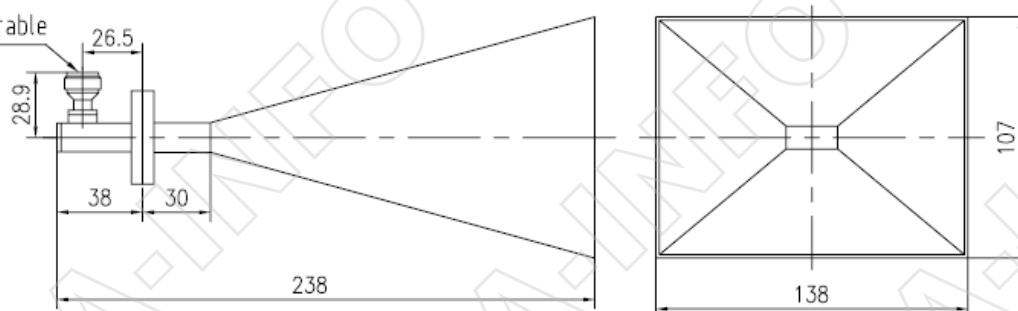
A Type



W x H x L: 138x107x200

C Type

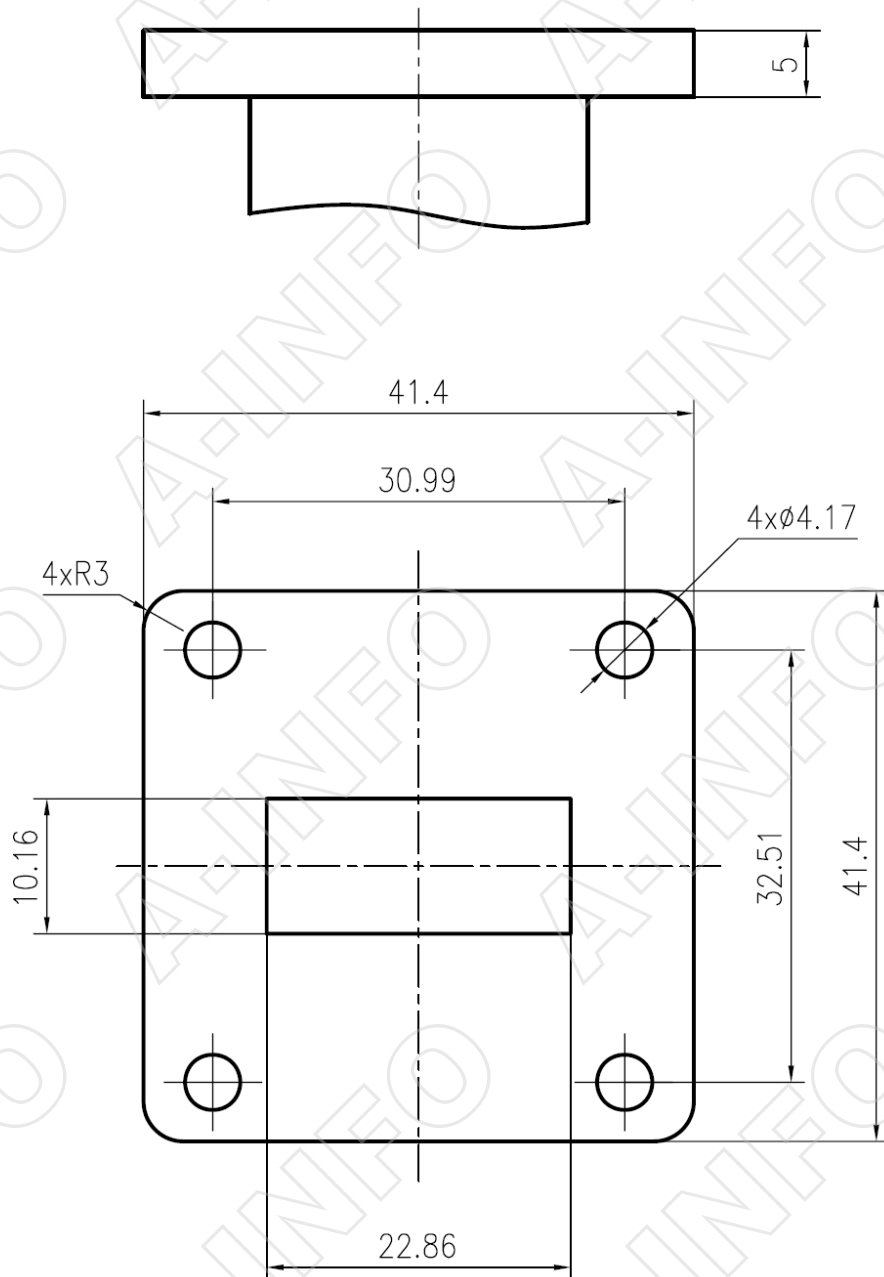
Refer to connector type table



W x H x L: 138x107x238

Connector type	
1	N type Female / Male
2	SMA Female / Male
3	3.5mm Female / Male
4	TNC Female / Male
5	7mm

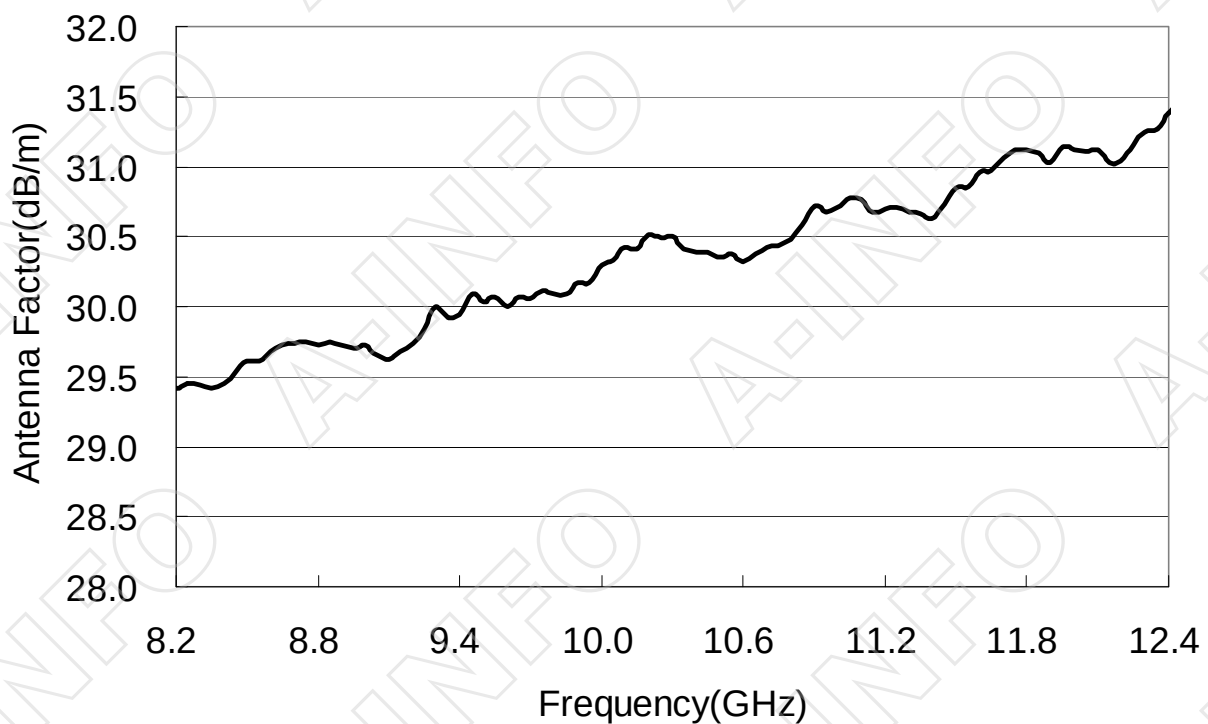
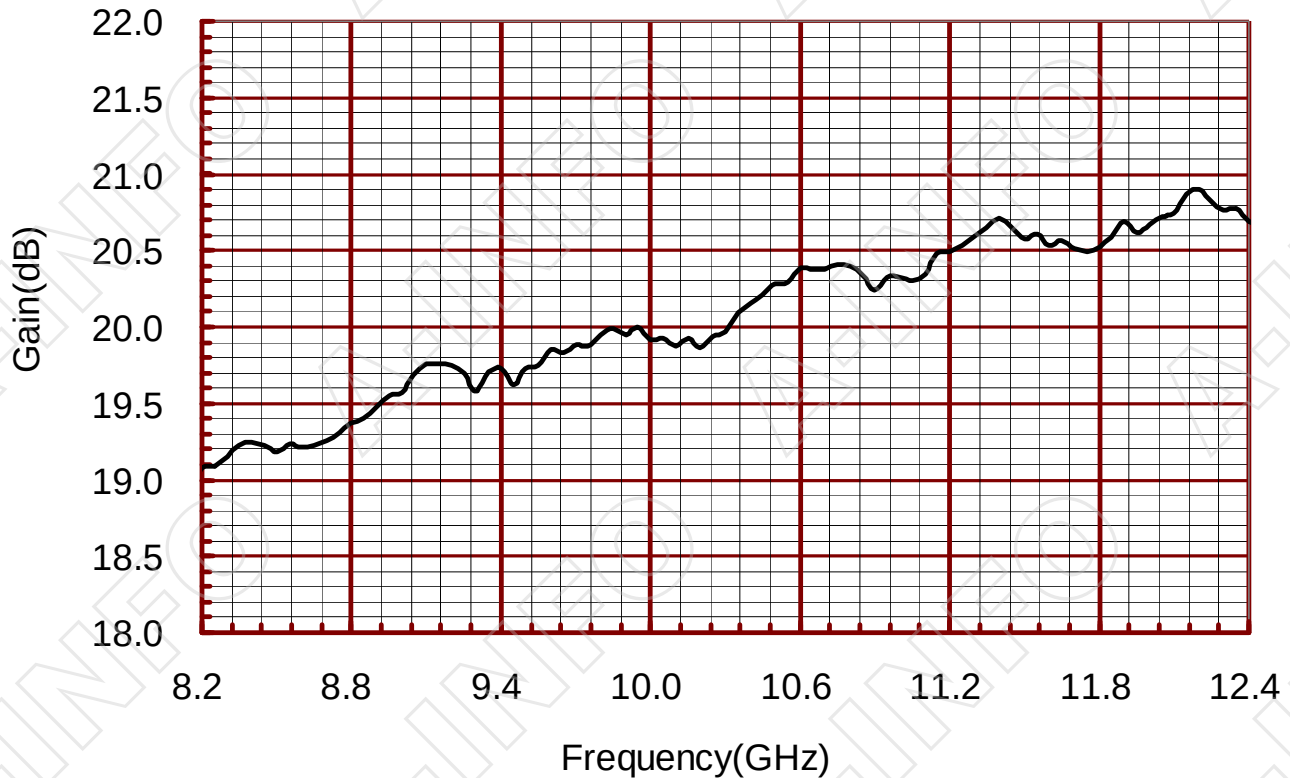
Flange Drawing (Size: mm)



FBP100

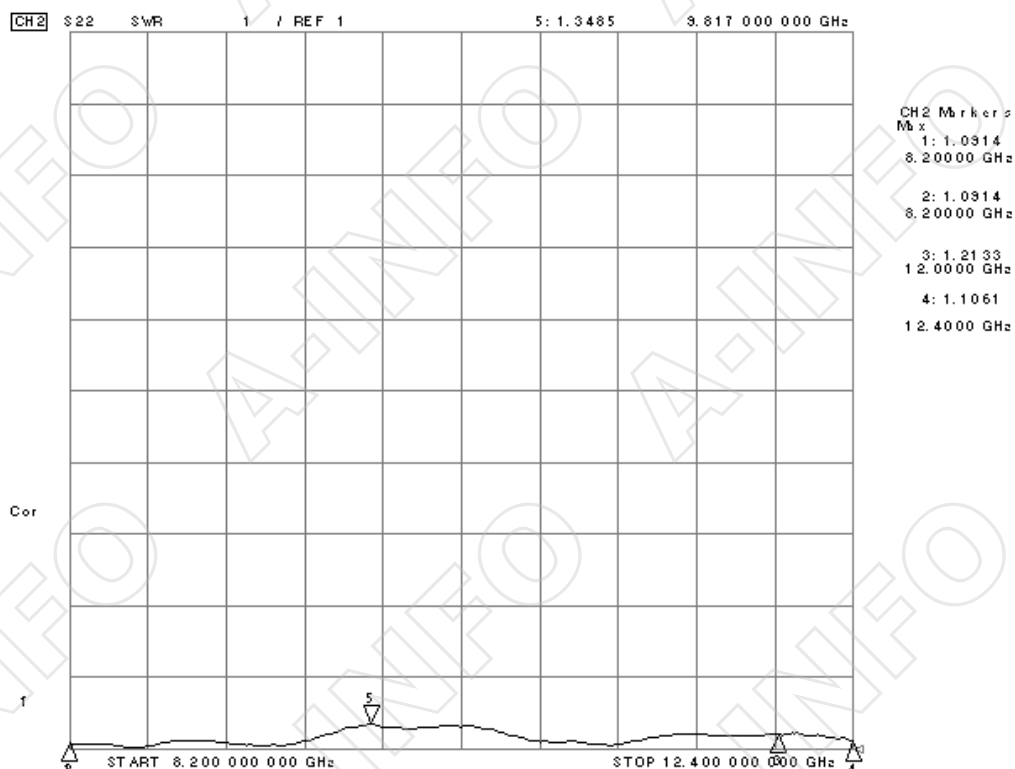
Test Results

1. Gain and Antenna Factor

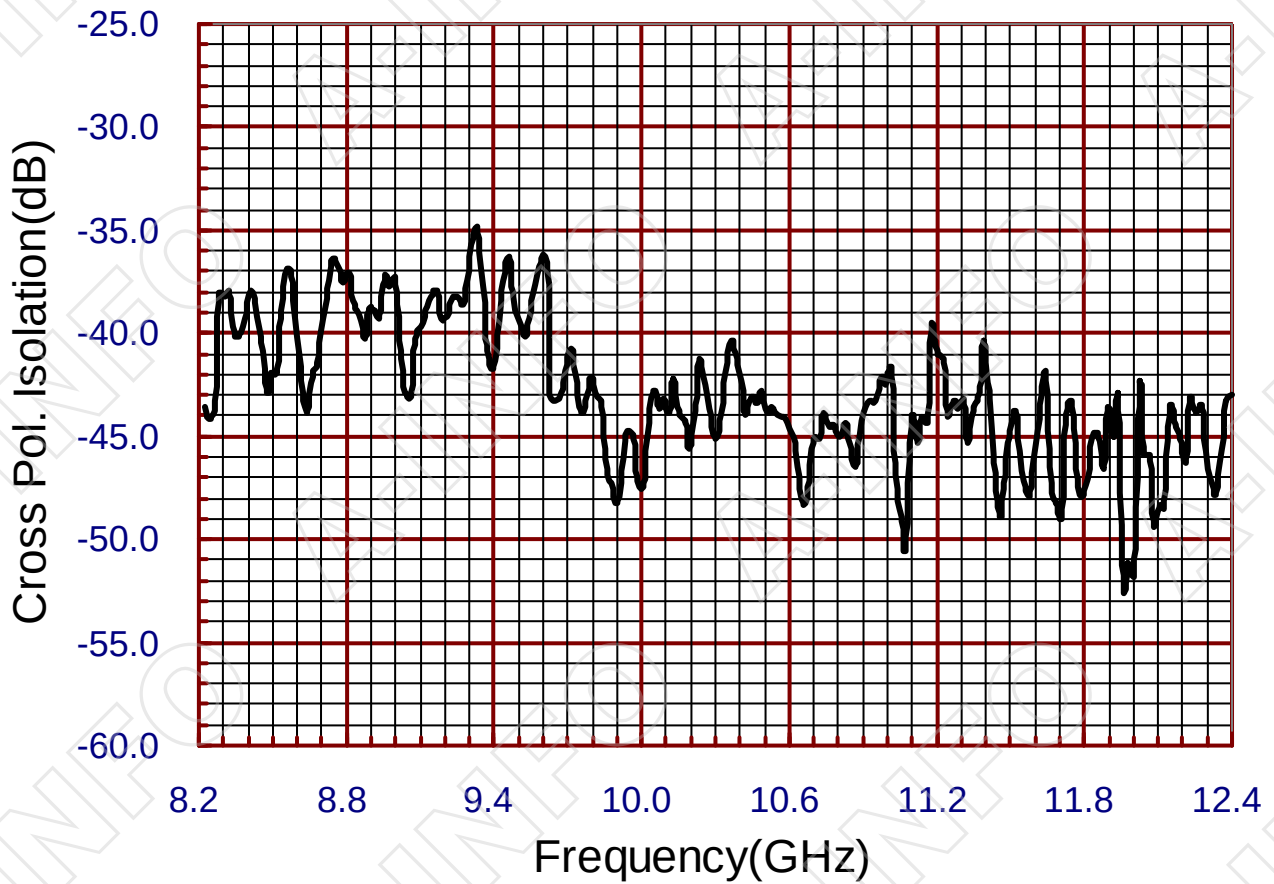


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
8.20	19.07	29.41
8.40	19.24	29.45
8.60	19.22	29.68
8.80	19.37	29.73
9.00	19.57	29.72
9.20	19.75	29.73
9.40	19.73	29.94
9.60	19.85	30.00
9.80	19.95	30.09
10.00	19.92	30.29
10.20	19.86	30.52
10.40	20.16	30.39
10.60	20.39	30.32
10.80	20.39	30.48
11.00	20.33	30.71
11.20	20.49	30.70
11.40	20.72	30.63
11.60	20.53	30.96
11.80	20.53	31.12
12.00	20.67	31.12
12.20	20.90	31.04
12.40	20.69	31.39

2. VSWR



3. Cross Polarization Isolation



4. Pattern

