

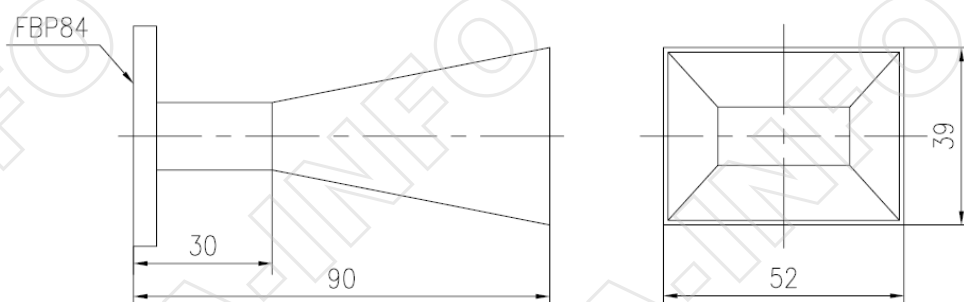
Technical Specification



Frequency Range(GHz)	7.05 - 10.0
Gain(dB)	10 Typ.
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR112
Material	Al
Output	A Type: FBP84 C Type: N/SMA/3.5mm/TNC/7mm
Size(mm) W x H x L	A Type: 52x39x90 C Type: 52x39x130
Net Weight(Kg)	A Type: 0.07 Around C Type: 0.17 Around

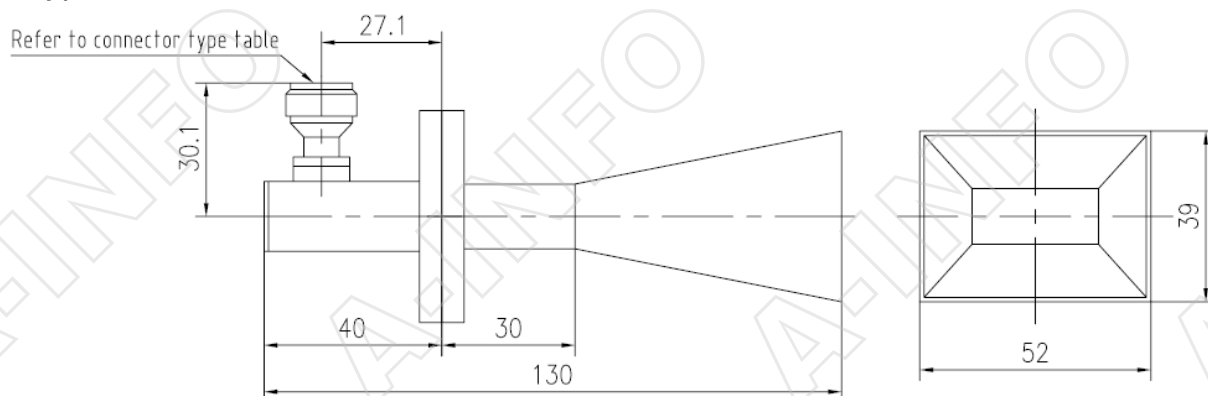
Outline Drawing (Size: mm)

A Type



W x H x L: 52x39x90

C Type

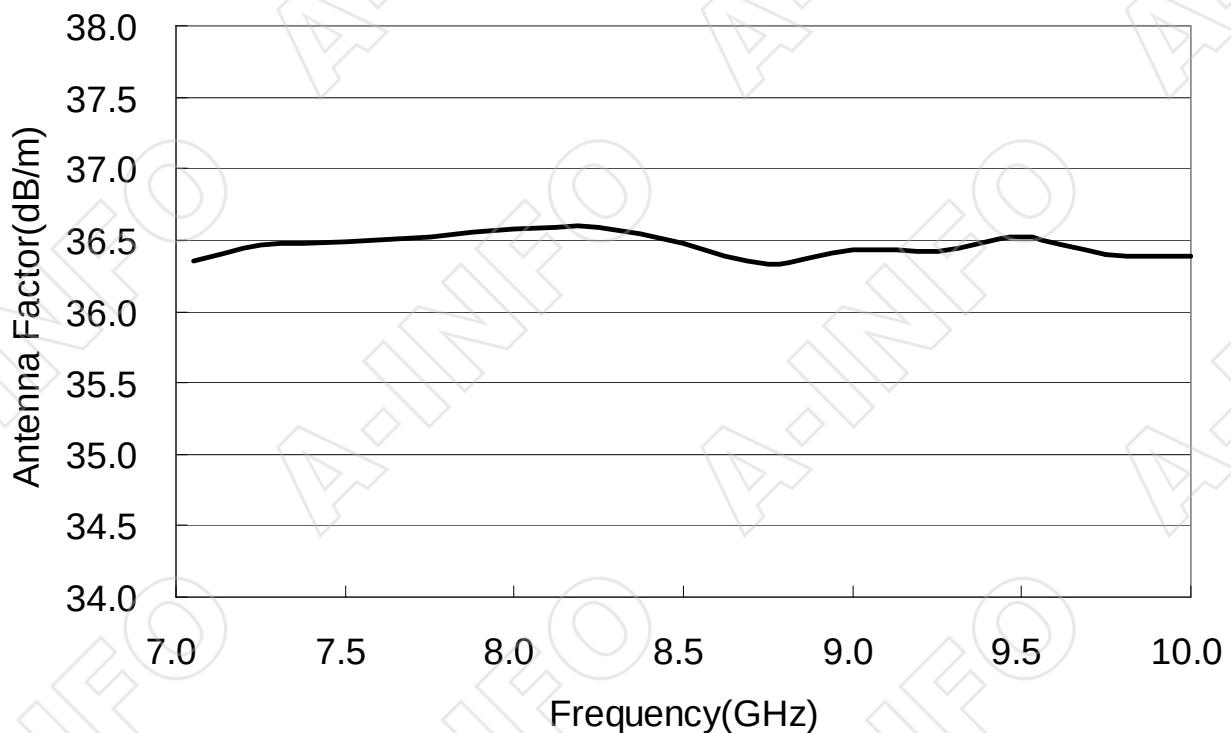
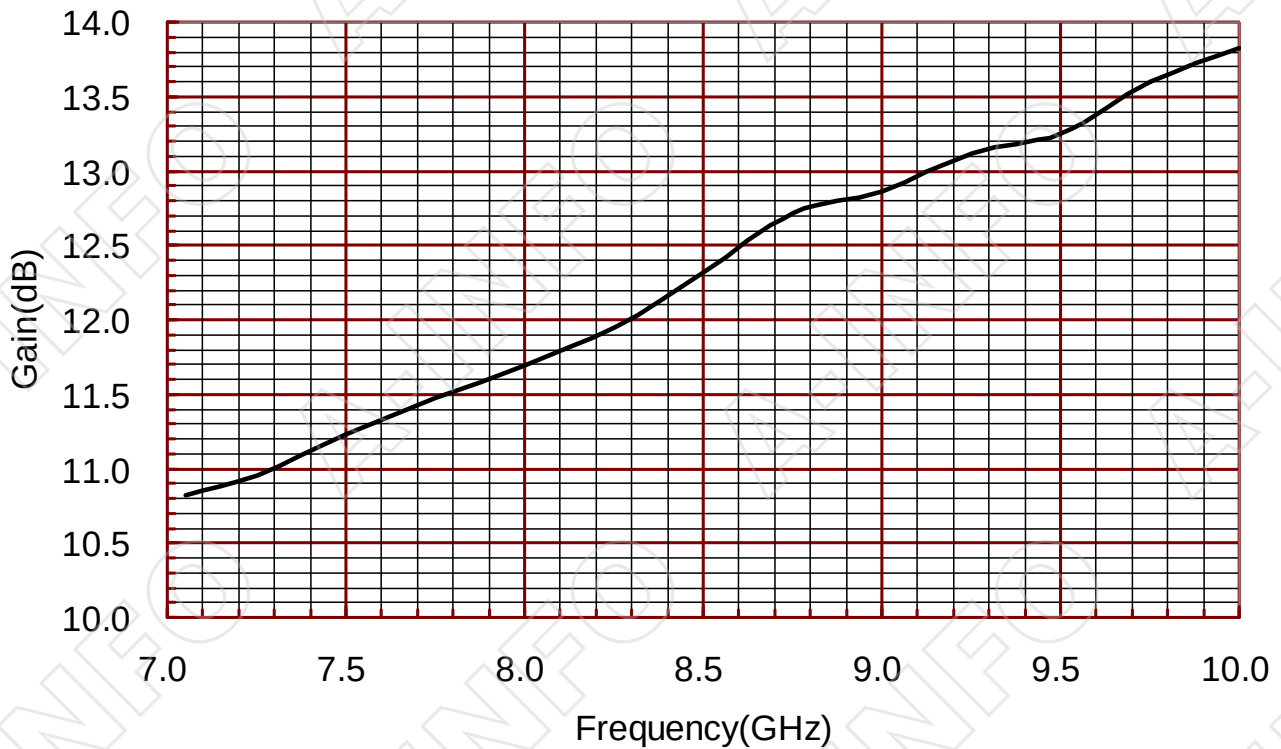


Connector type	
1	N type Female / Male
2	SMA Female / Male
3	3.5mm Female / Male
4	TNC Female / Male
5	7mm

W x H x L: 52x39x130

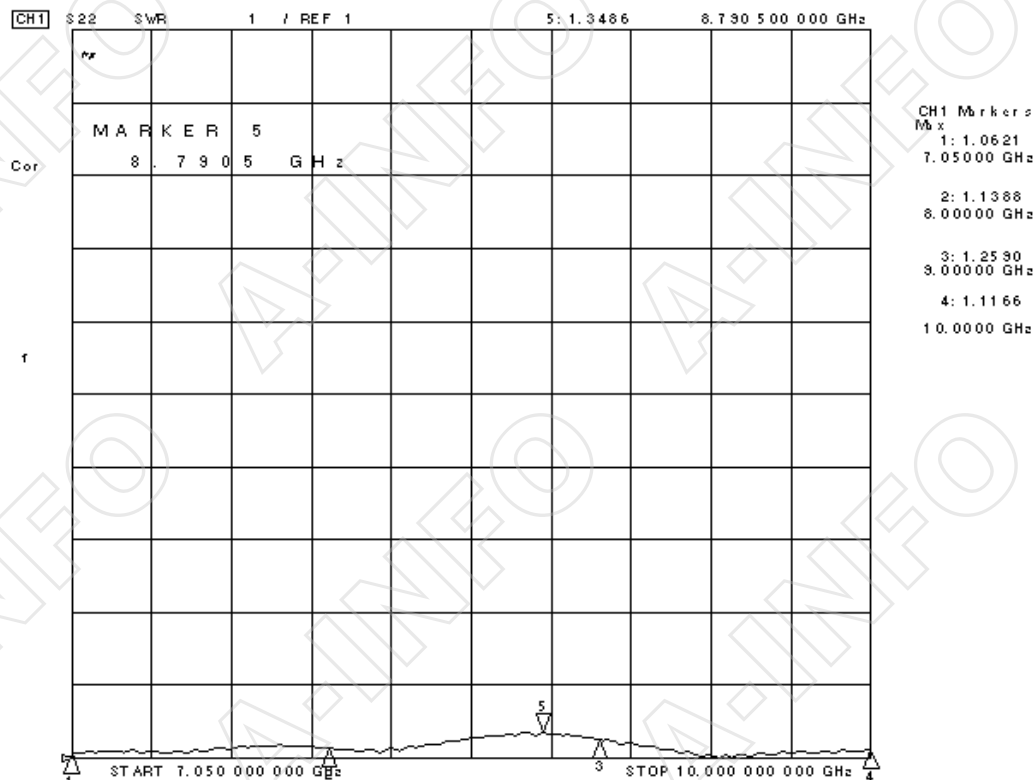
Test Results

1. Gain and Antenna Factor

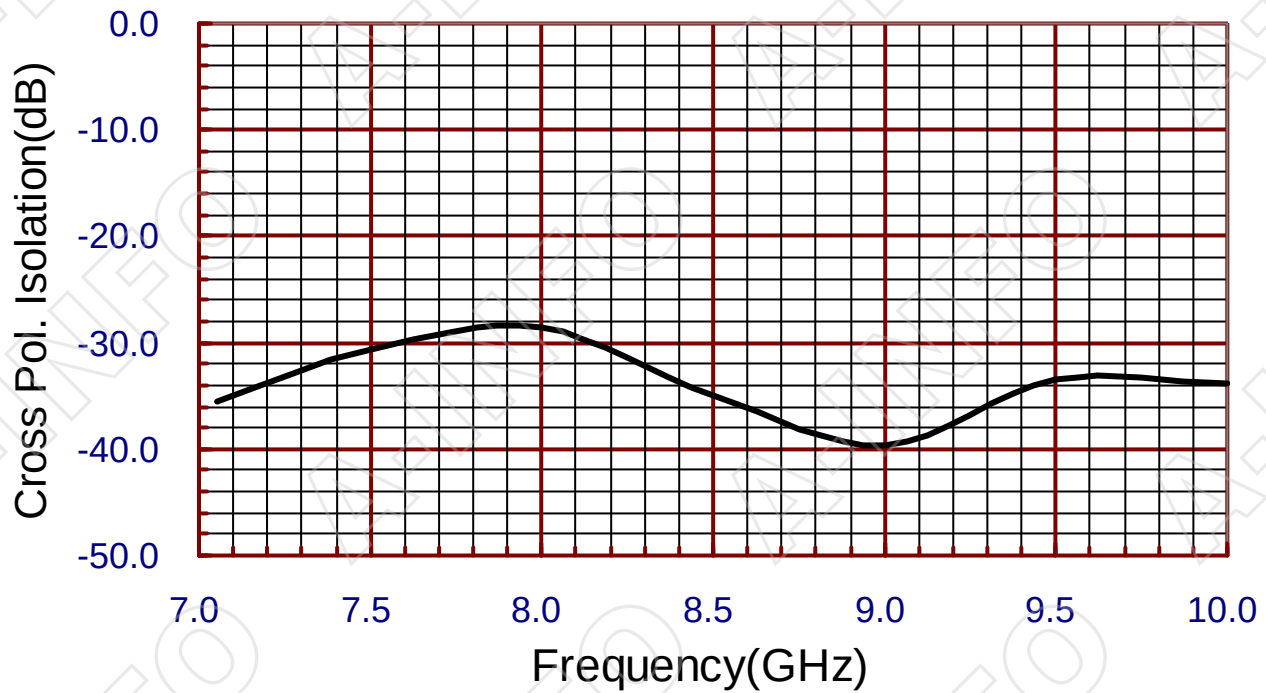


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
7.05	10.82	36.35
7.25	10.95	36.46
7.50	11.23	36.48
7.75	11.47	36.52
8.00	11.69	36.58
8.25	11.95	36.59
8.50	12.32	36.48
8.75	12.72	36.33
9.00	12.87	36.43
9.25	13.11	36.42
9.50	13.25	36.52
9.75	13.60	36.39
10.00	13.82	36.39

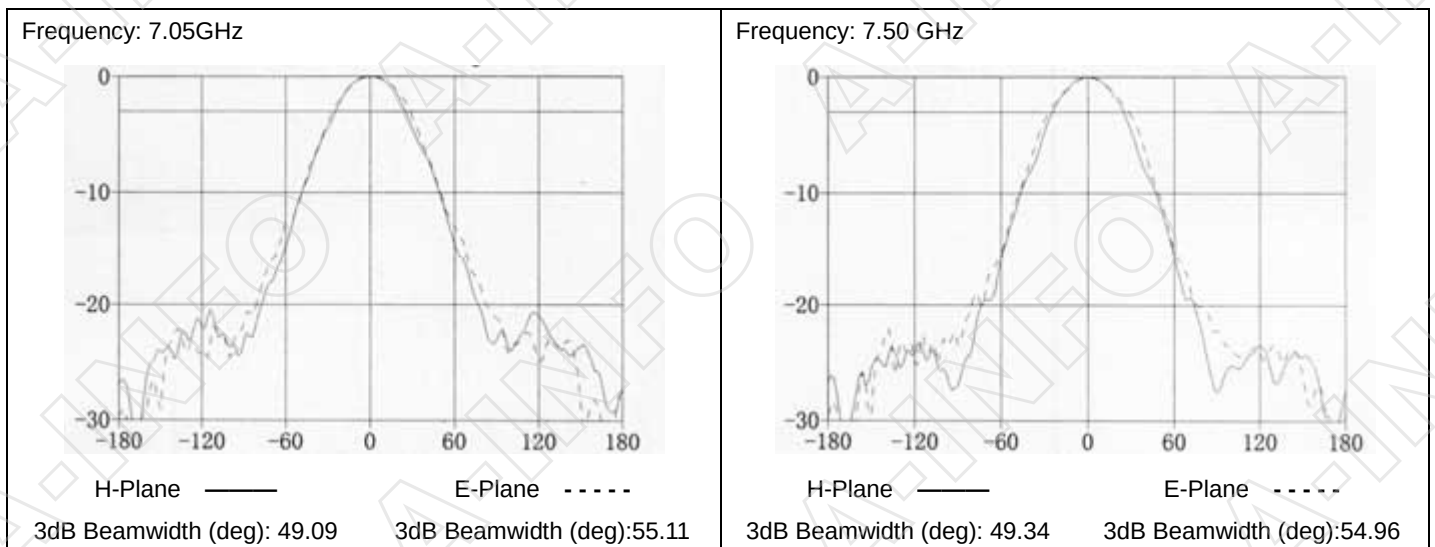
2. VSWR



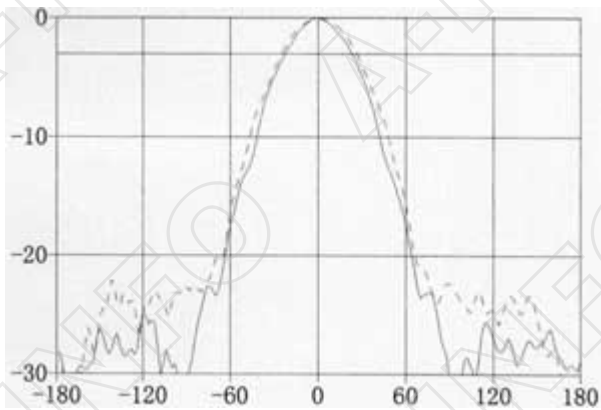
3. Cross Polarization Isolation



4. Pattern

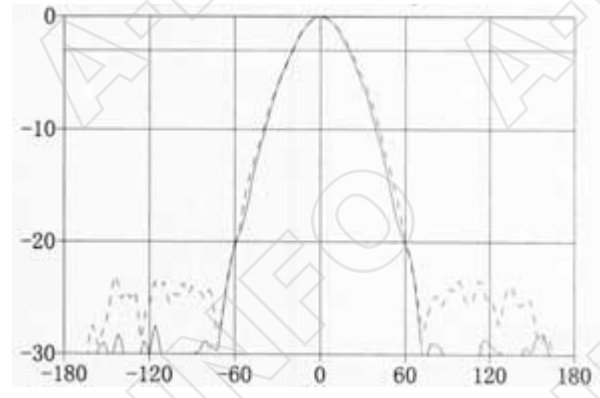


Frequency: 8.00 GHz



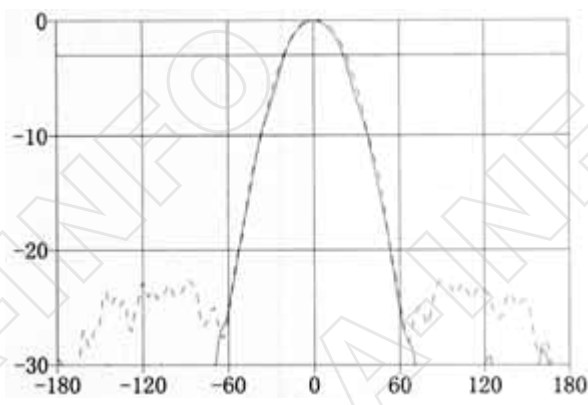
H-Plane — 3dB Beamwidth (deg): 45.51
E-Plane - - - - 3dB Beamwidth (deg): 50.97

Frequency: 8.50 GHz



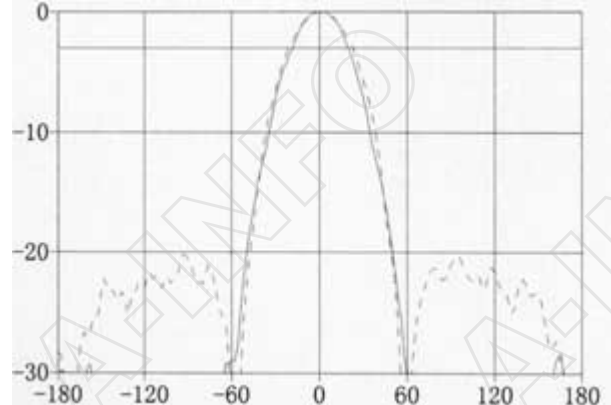
H-Plane — 3dB Beamwidth (deg): 39.64
E-Plane - - - - 3dB Beamwidth (deg): 40.52

Frequency: 9.00 GHz



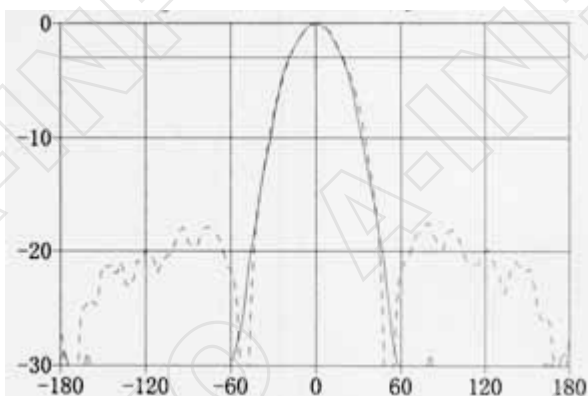
H-Plane — 3dB Beamwidth (deg): 40.90
E-Plane - - - - 3dB Beamwidth (deg): 43.40

Frequency: 9.50GHz



H-Plane — 3dB Beamwidth (deg): 37.85
E-Plane - - - - 3dB Beamwidth (deg): 43.32

Frequency: 10.00GHz



H-Plane — 3dB Beamwidth (deg): 37.11
E-Plane - - - - 3dB Beamwidth (deg): 37.05