

Technical Specification



Frequency Range(GHz)	5.85 - 8.20
Gain(dB)	10 Typ.
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR137
Material	Al
Output	A Type: FDP70 C Type: N-F or SMA-F
Size(mm) W x H x L	A Type: 63x49x110 C Type: 63x49x158
Net Weight(Kg)	A Type: 0.2 Around C Type: 0.3 Around

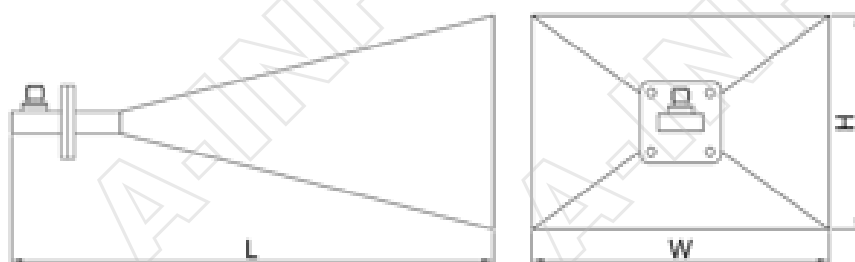
Outline Drawing (Size: mm)

A Type



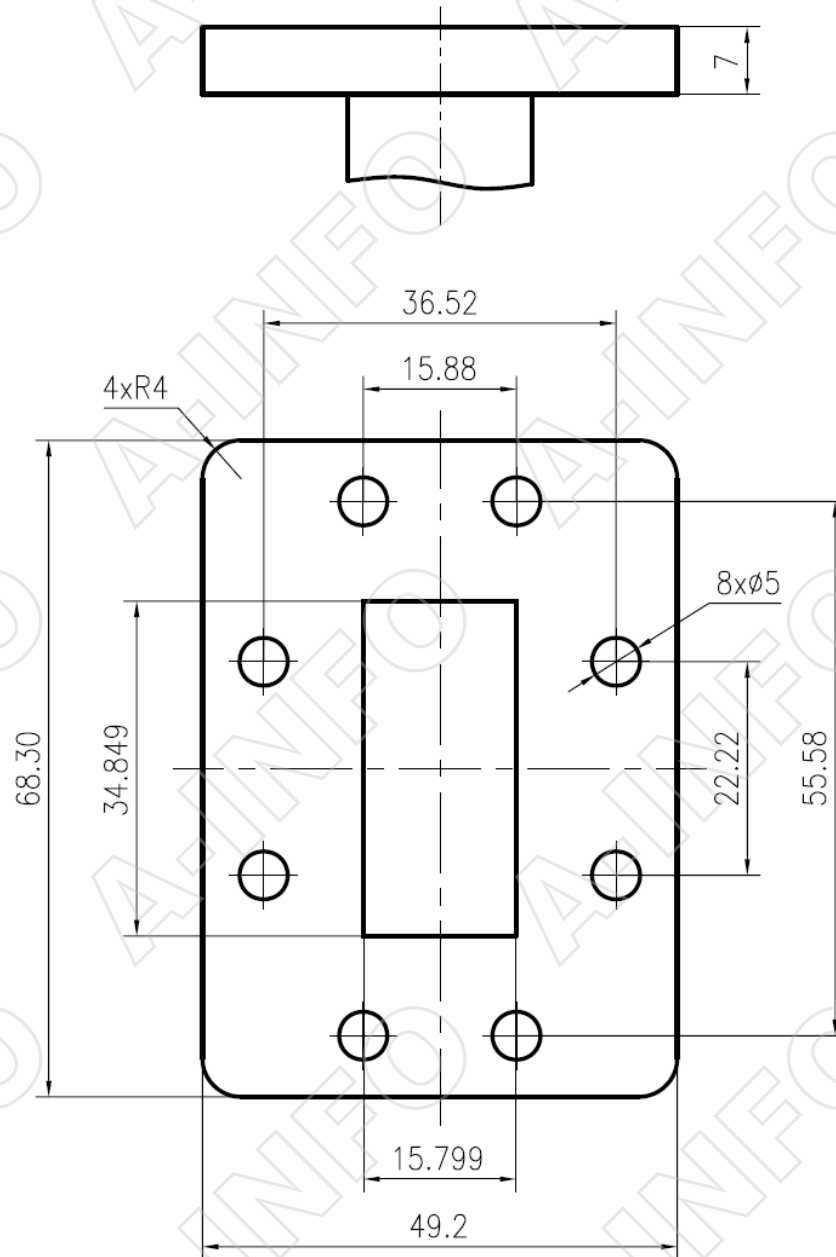
W x H x L: 63x49x110

C Type



W x H x L: 63x49x158

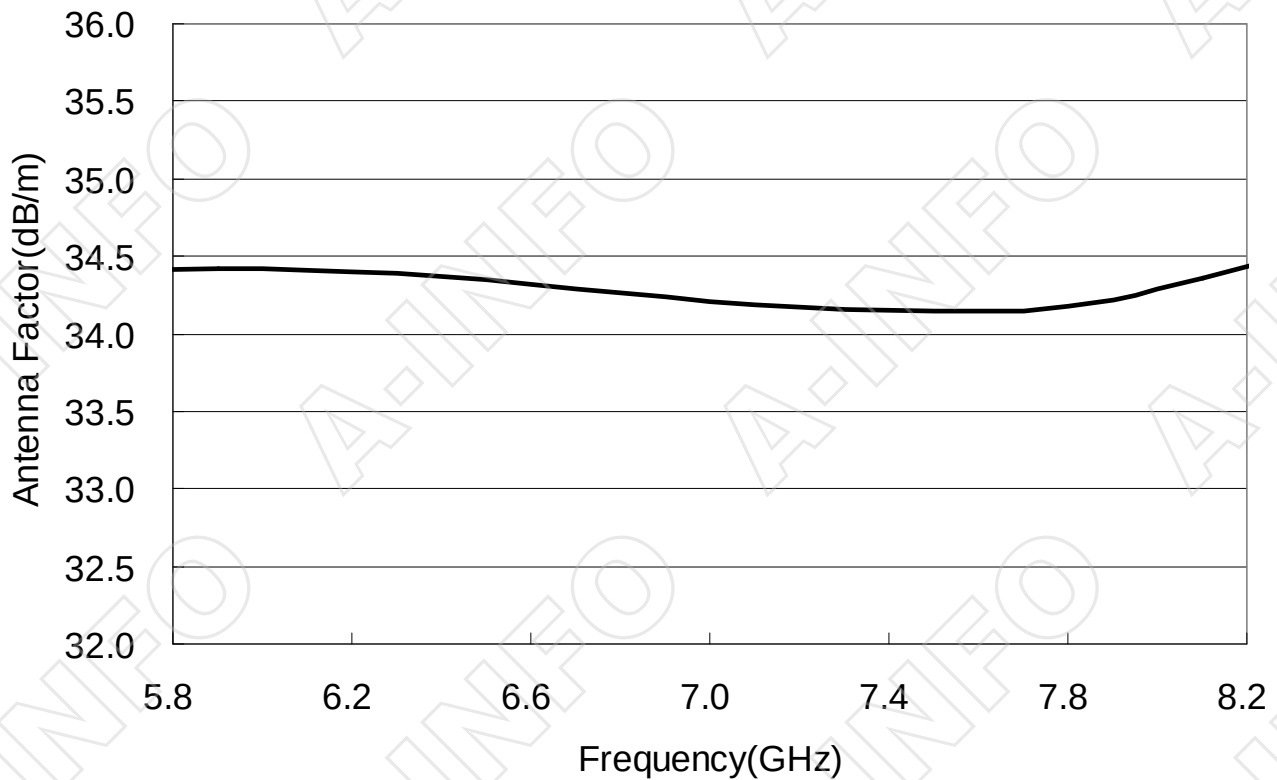
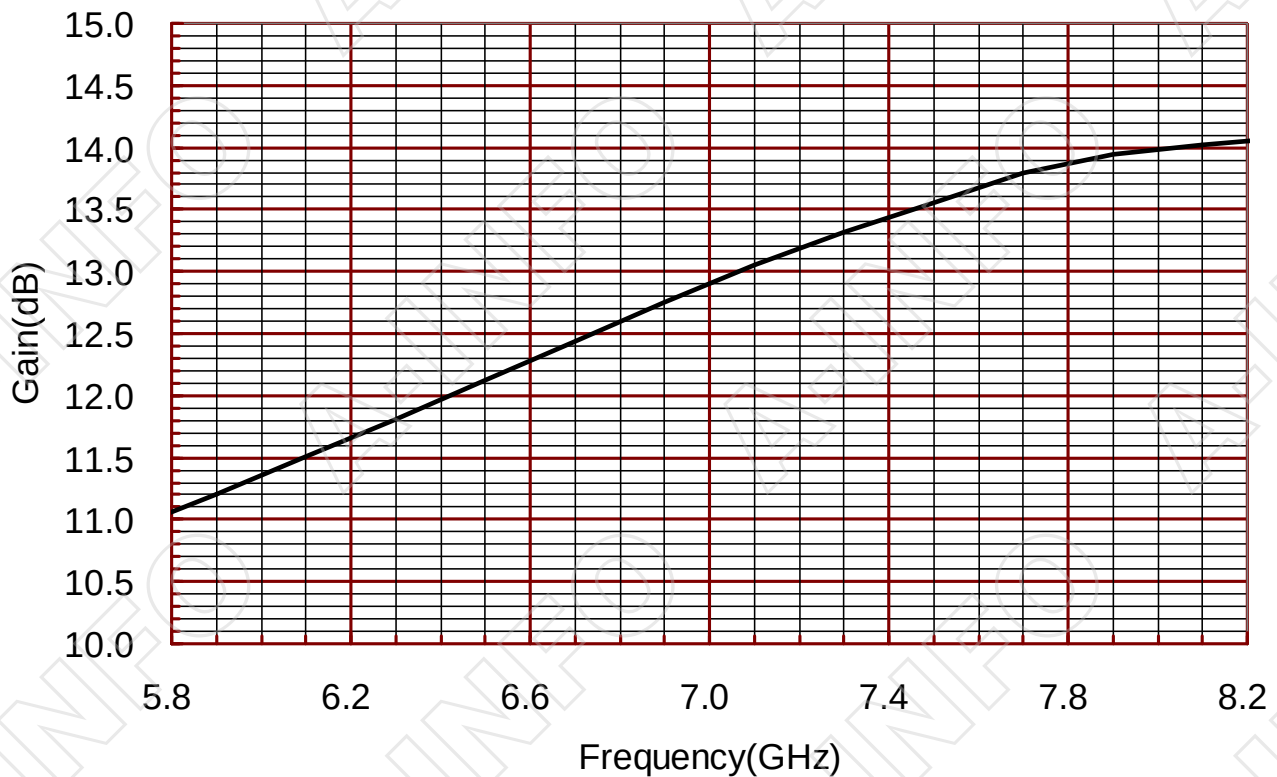
Flange Drawing (Size: mm)



FDP70

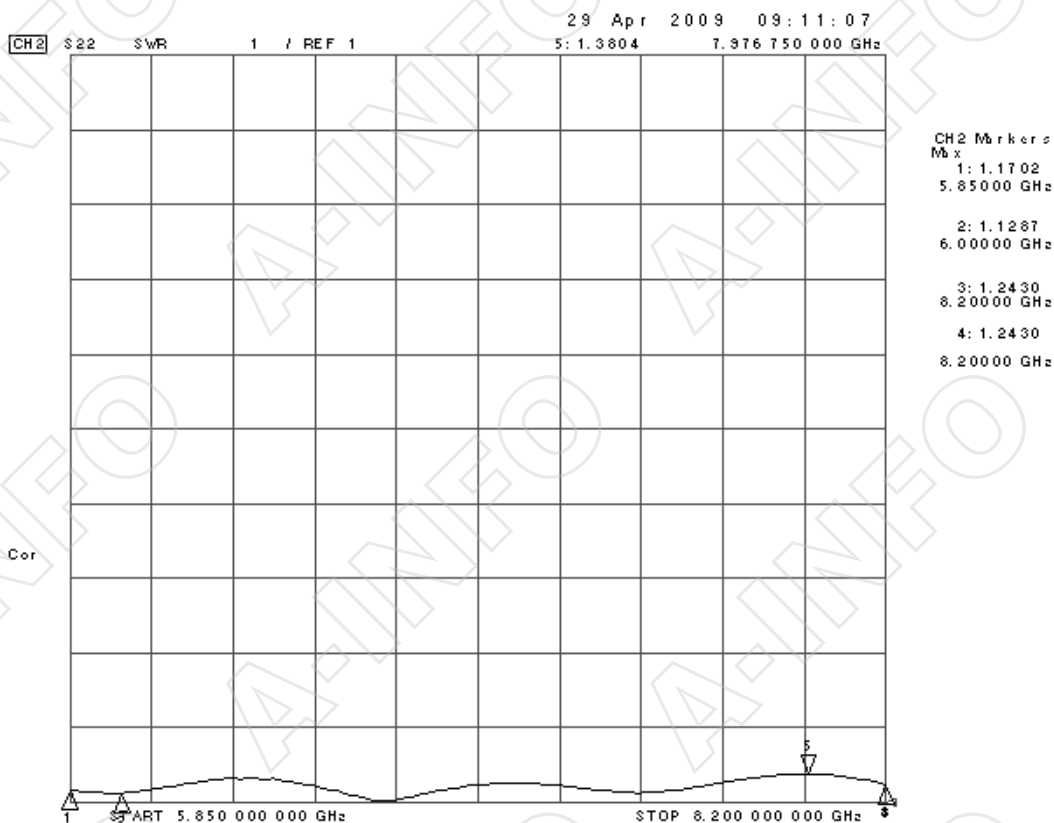
Test Results

1. Gain and Antenna Factor

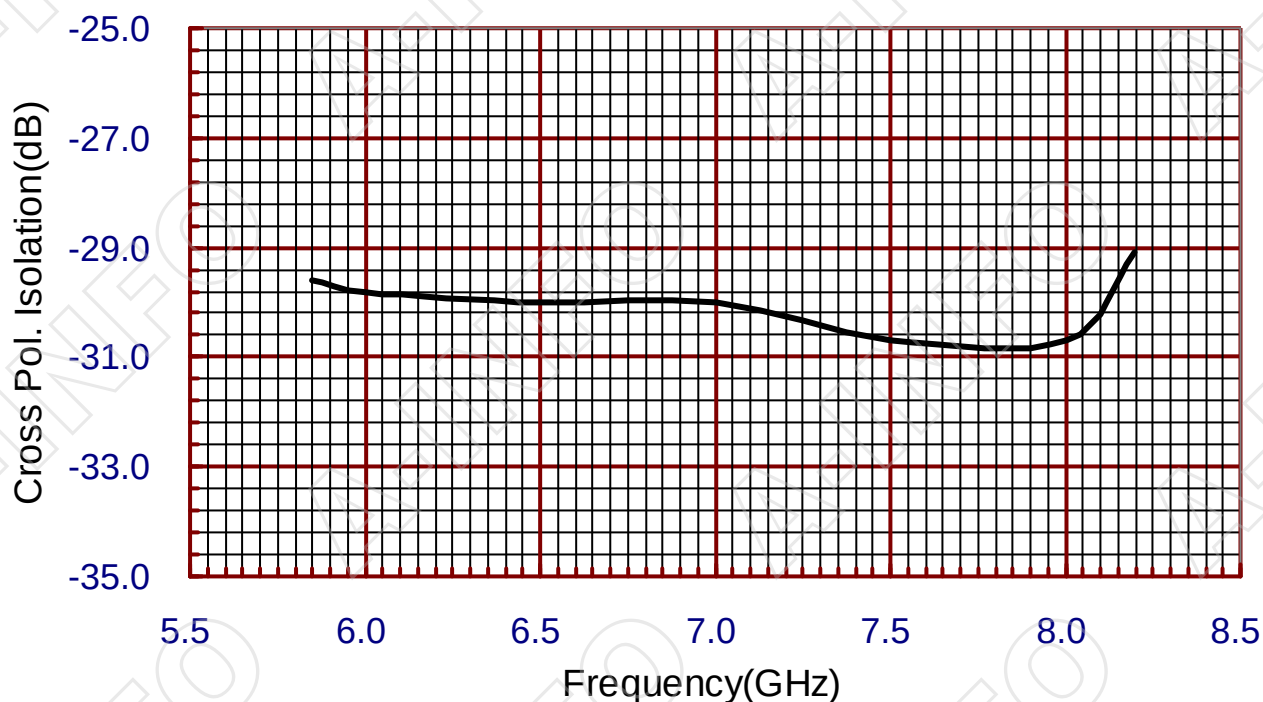


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
5.7	10.92	34.41
5.9	11.21	34.42
6.1	11.51	34.41
6.3	11.81	34.39
6.5	12.12	34.35
6.7	12.44	34.29
6.9	12.75	34.24
7.1	13.05	34.19
7.3	13.32	34.16
7.5	13.56	34.15
7.7	13.79	34.15
7.9	13.94	34.22
8.1	14.02	34.36
8.3	14.08	34.51

2. VSWR



3. Cross Polarization Isolation



4. Pattern

