

Technical Specification



Frequency Range(GHz)	3.30 - 4.90
Gain(dB)	20 Typ.
3dB Beamwidth(deg)	18 Typ.
Waveguide	WR229
Material	Al
Output	A Type: FDP40 C Type: N-F or SMA-F
Size(mm) W x H x L	A Type: 345x264x388 C Type: 345x264x453
Net Weight(Kg)	A Type: 1.7 Around C Type: 2.0 Around

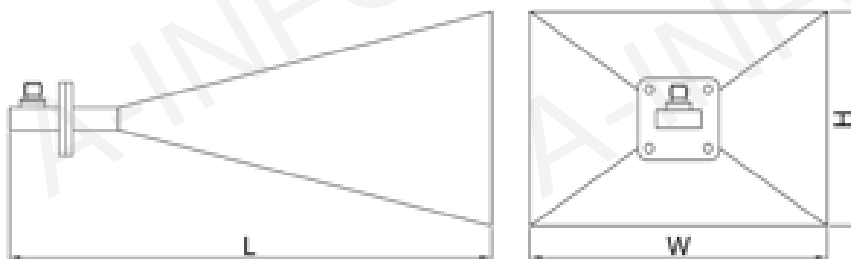
Outline Drawing (Size: mm)

A Type



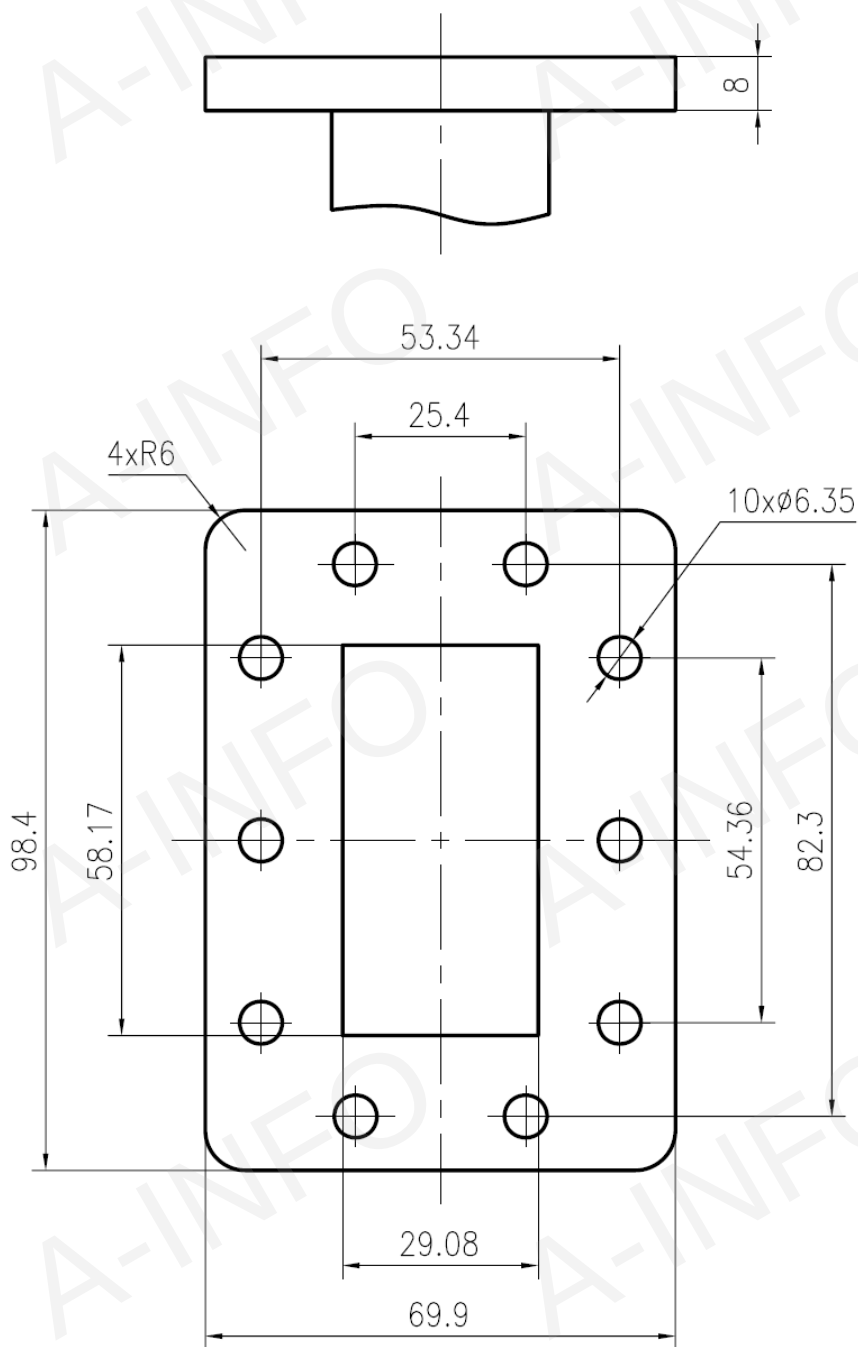
W x H x L: 345x264x388

C Type



W x H x L: 345x264x453

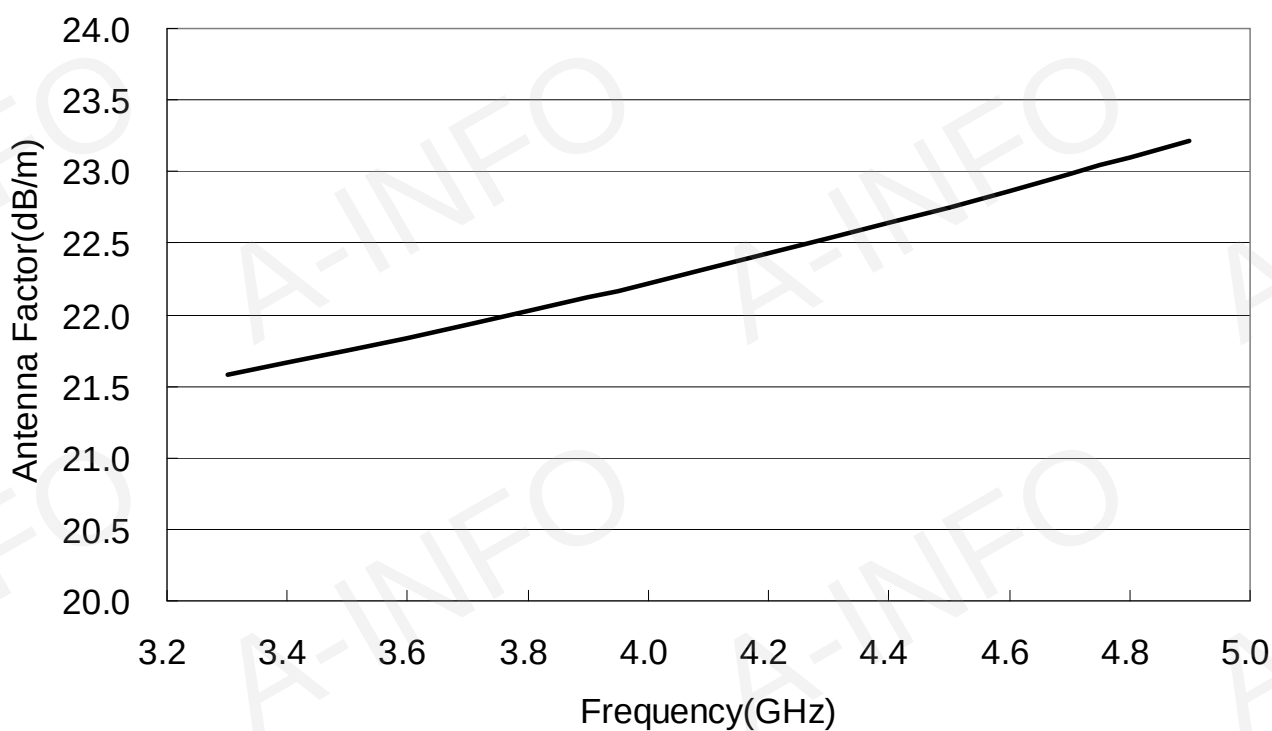
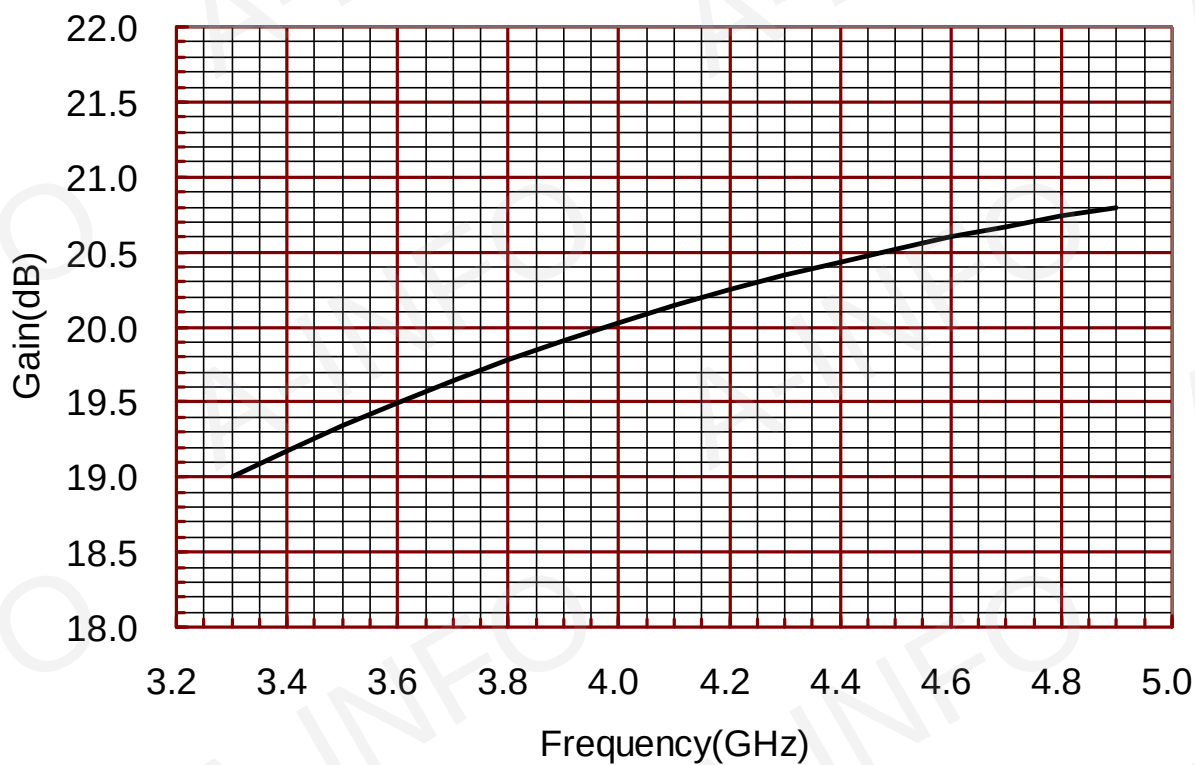
Flange Drawing (Size: mm)



FDP40

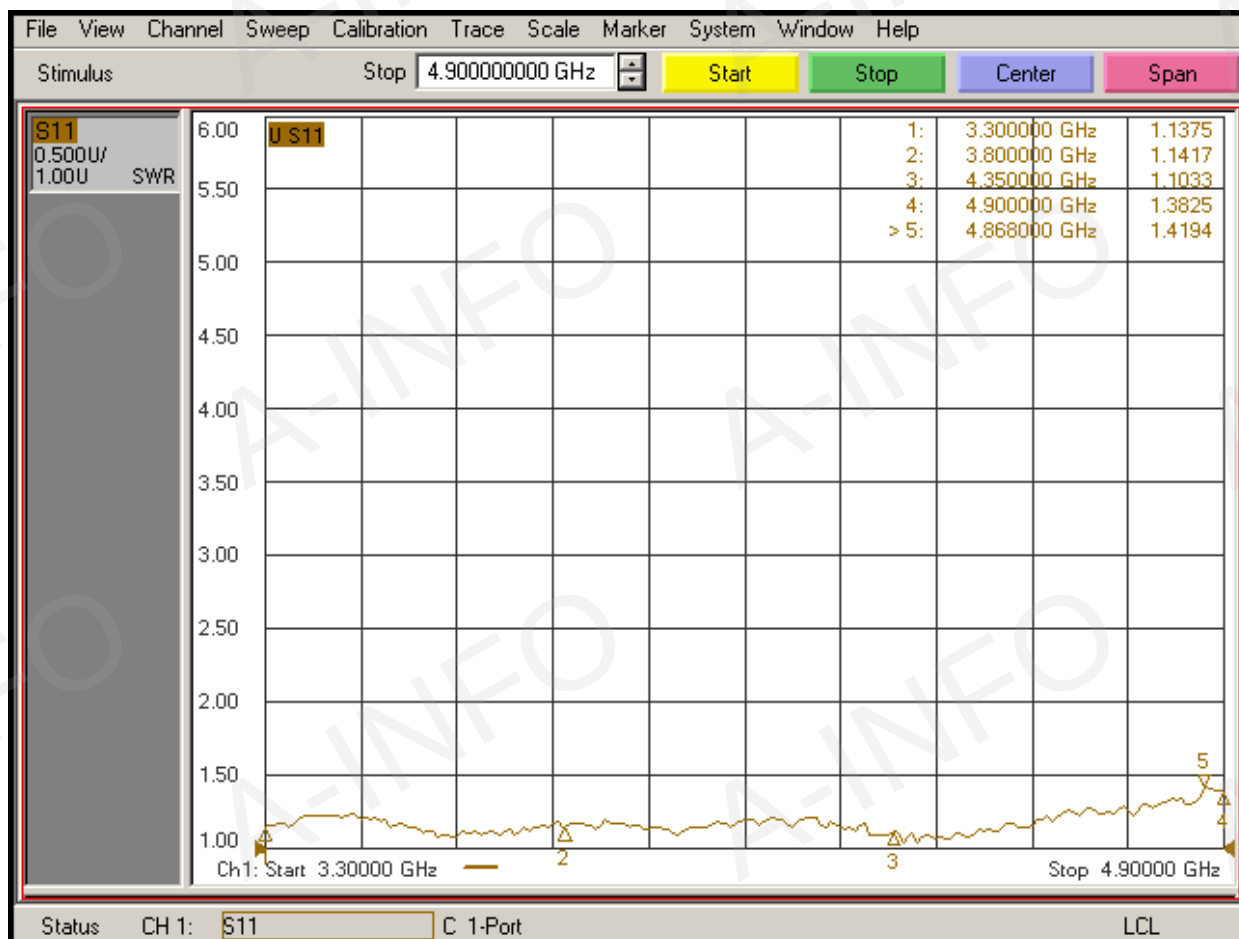
Test Results

1. Gain and Antenna Factor

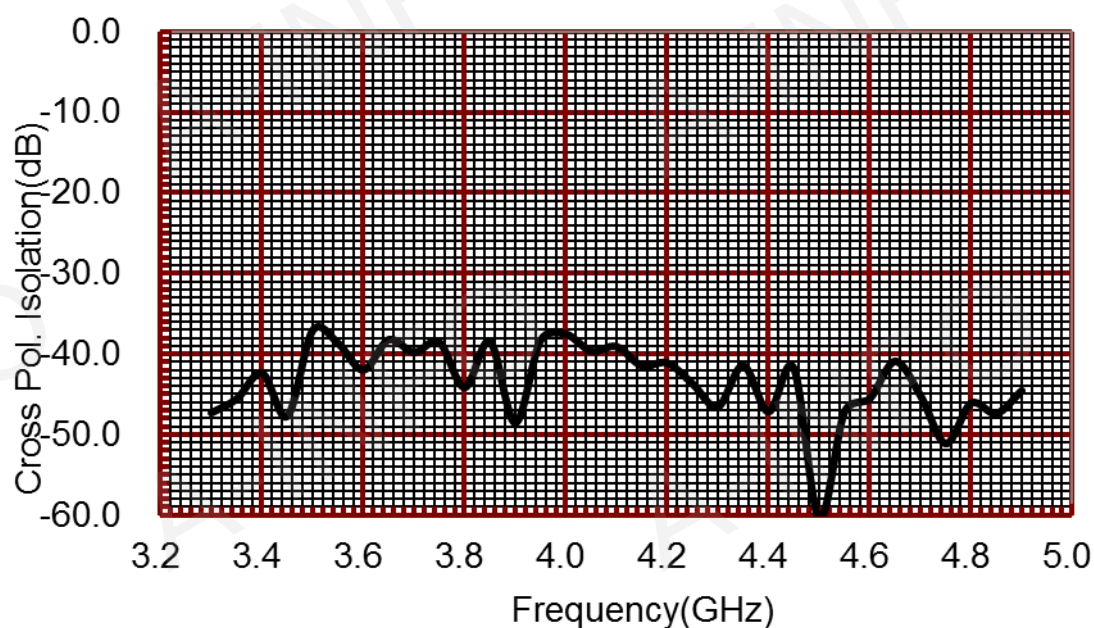


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
3.3	19.00	21.58
3.4	19.18	21.66
3.5	19.34	21.75
3.6	19.50	21.84
3.7	19.64	21.93
3.8	19.78	22.03
3.9	19.91	22.12
4.0	20.03	22.22
4.1	20.14	22.32
4.2	20.25	22.43
4.3	20.35	22.53
4.4	20.44	22.64
4.5	20.52	22.75
4.6	20.60	22.87
4.7	20.67	22.98
4.8	20.74	23.10
4.9	20.80	23.22

2. VSWR



3. Cross Polarization Isolation



4. Pattern

