

Technical Specification



Frequency Range(GHz)	15.0 - 22.0
Gain(dB)	10 Typ.
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR51
Material	Cu
Output	A Type: FBP180 C Type: SMA-F
Size(mm) W x H x L	A Type: 27x18.6x47 C Type: 27x18.6x74
Net Weight(Kg)	A Type: 0.06 Around C Type: 0.16 Around

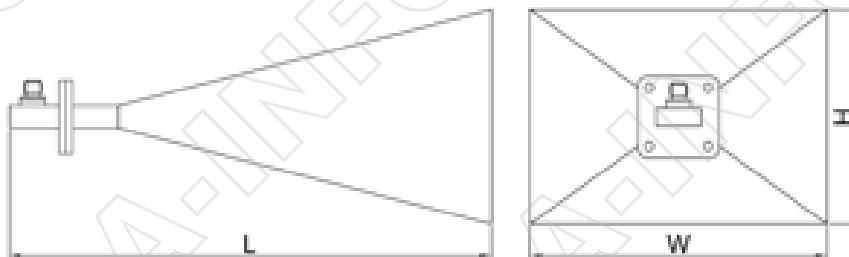
Outline Drawing (Size: mm)

A Type



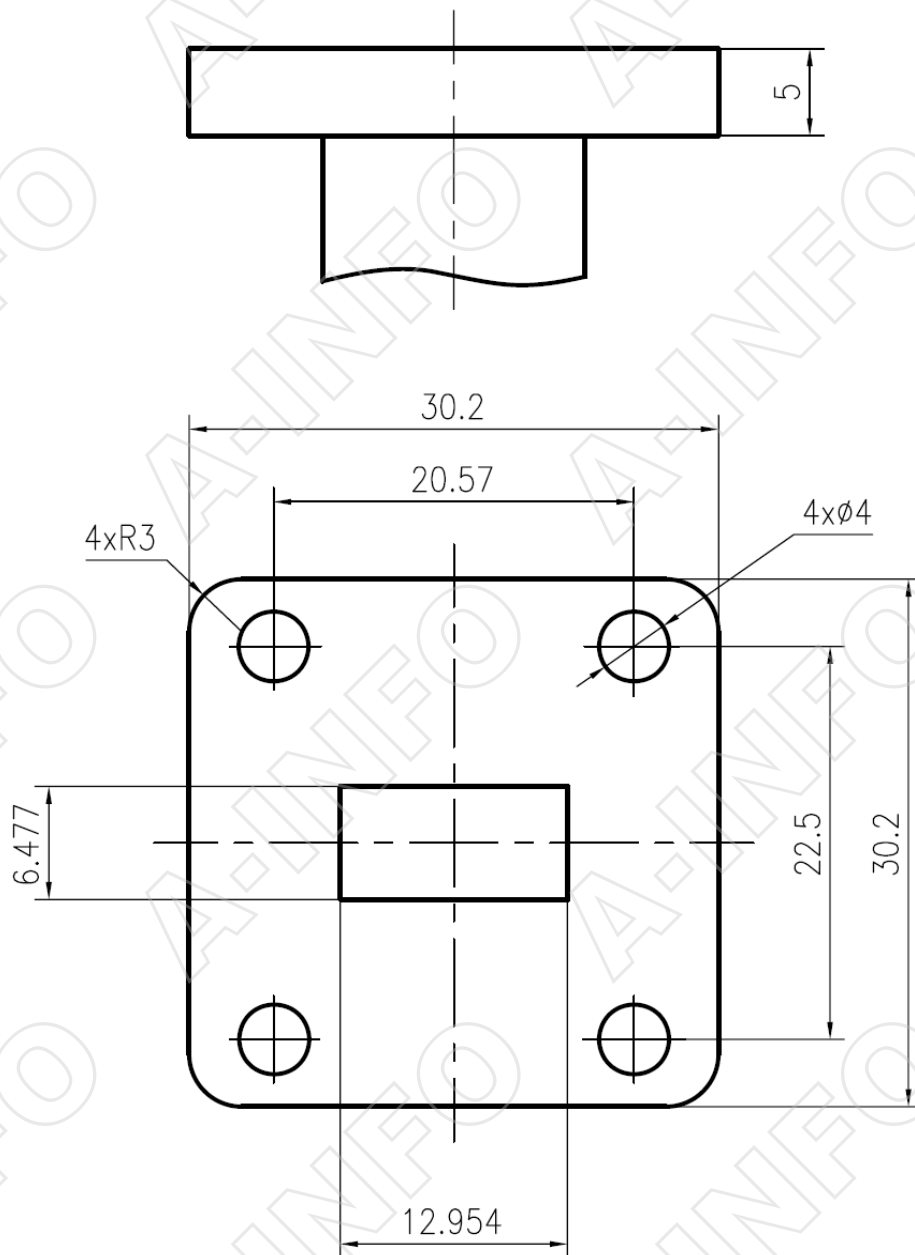
W x H x L: 27x18.6x47

C Type



W x H x L: 27x18.6x74

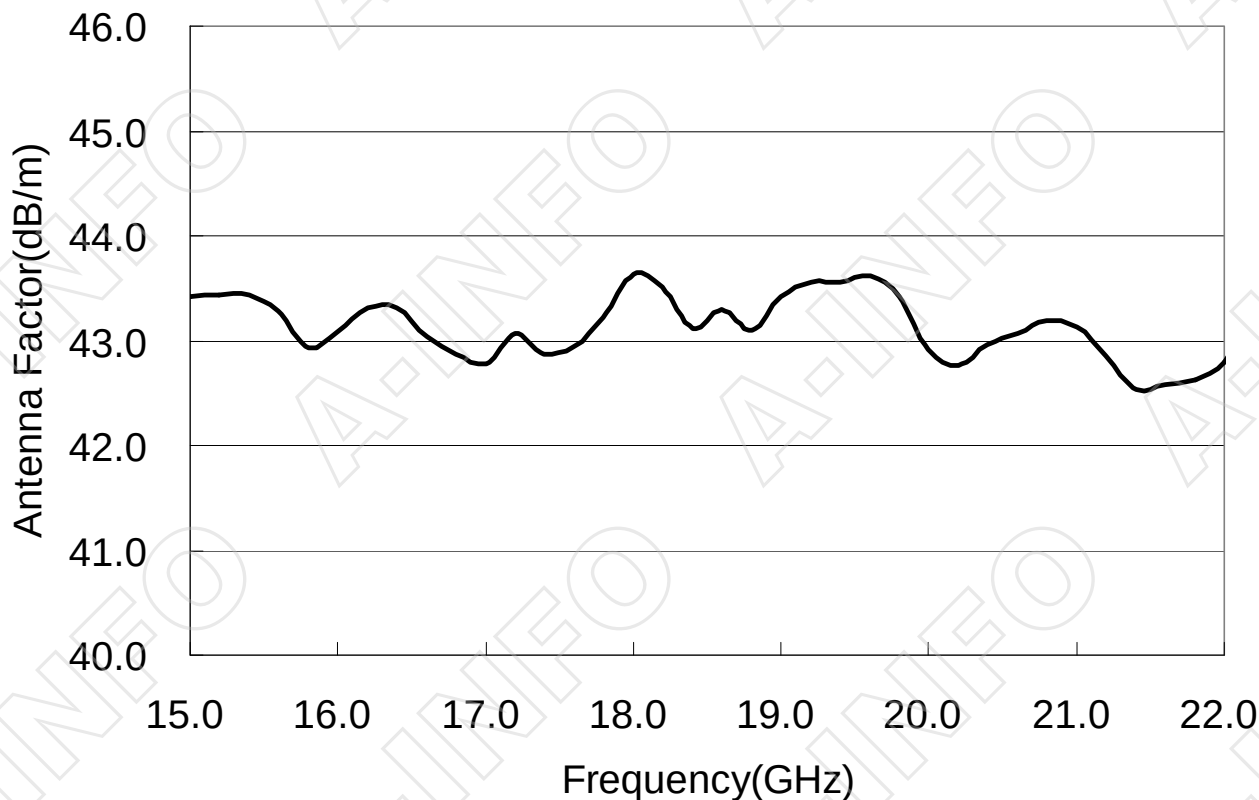
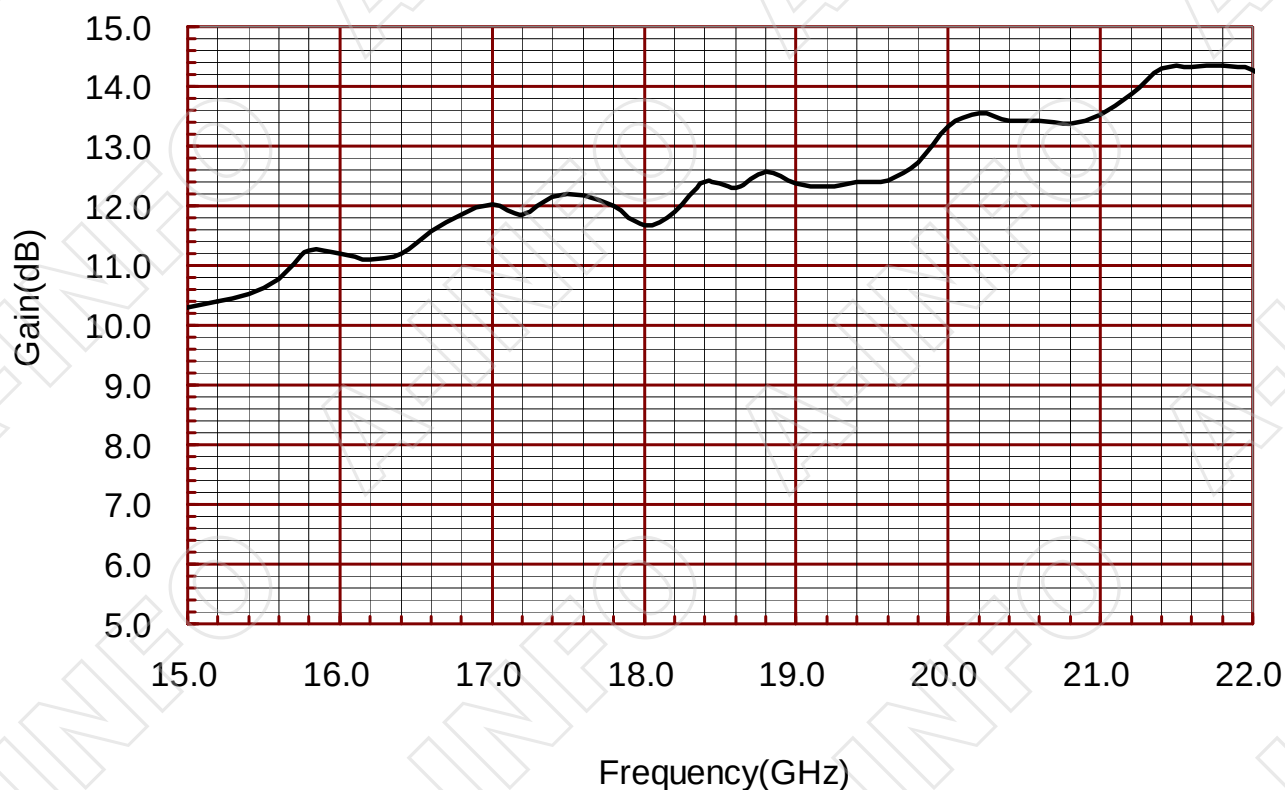
Flange Drawing (Size: mm)



FBP180

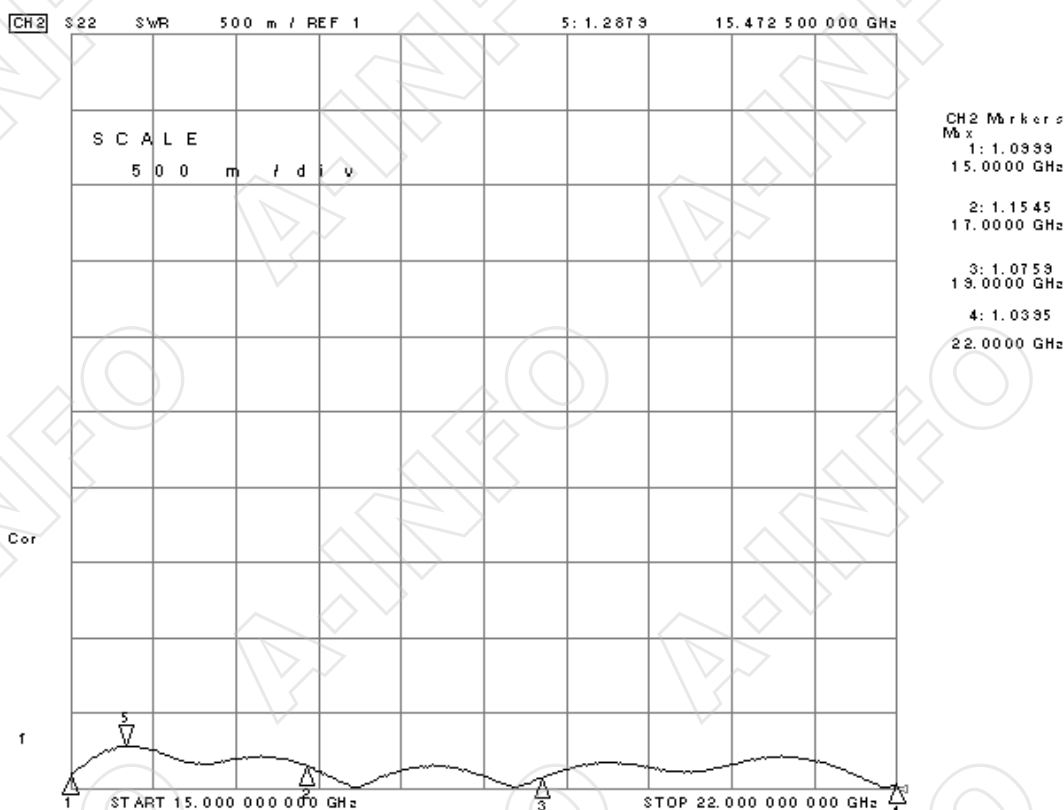
Test Results

1. Gain & Antenna Factor

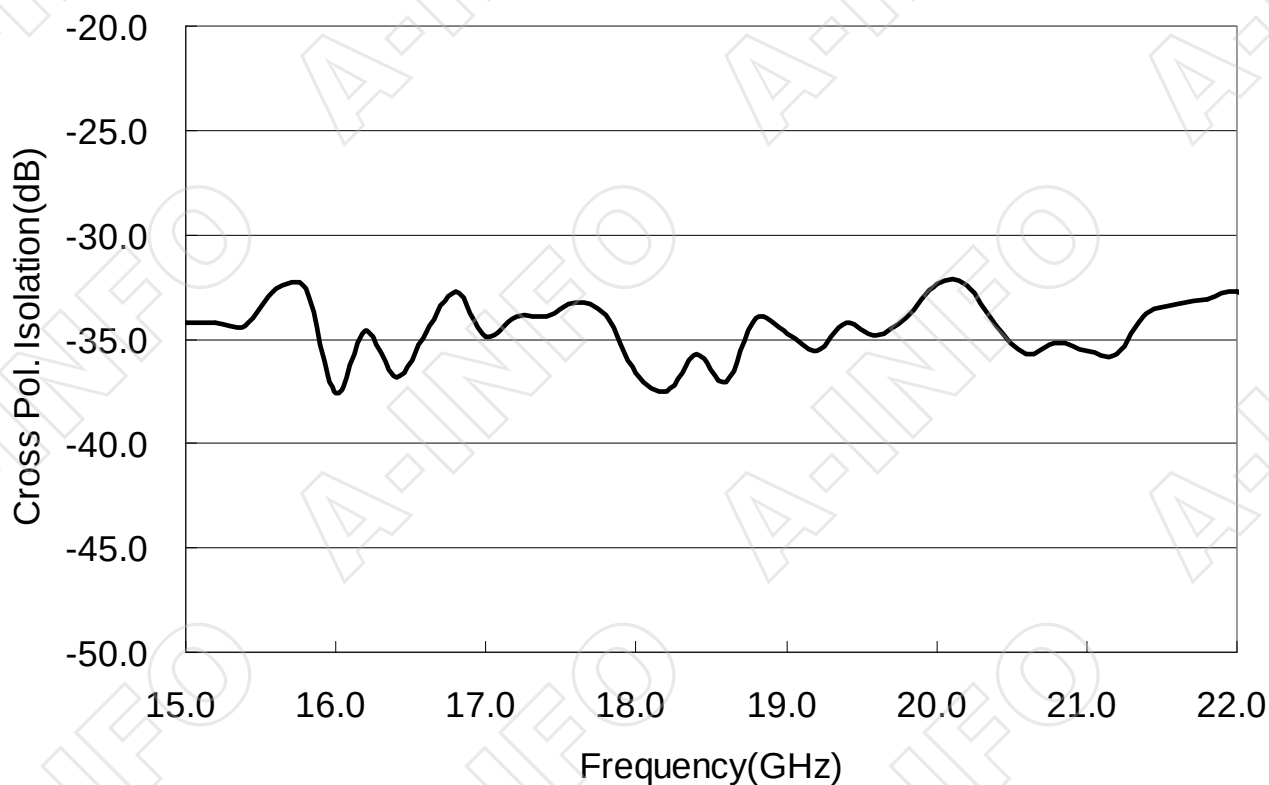


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
15.0	10.31	43.42
16.0	11.21	43.08
16.5	11.23	43.32
17.0	12.04	42.78
17.5	12.16	42.91
18.0	11.68	43.63
18.5	12.30	43.26
19.0	12.36	43.42
19.5	12.52	43.49
20.0	13.32	42.91
20.5	13.24	43.21
21.0	13.52	43.13
21.5	14.24	42.62
22.0	14.27	42.79

2. VSWR



3. Cross Polarization Isolation



4. Pattern

