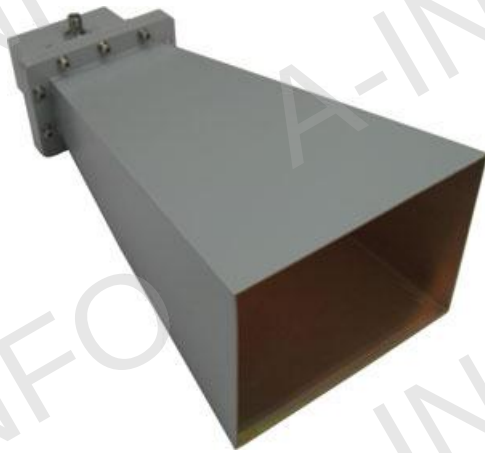


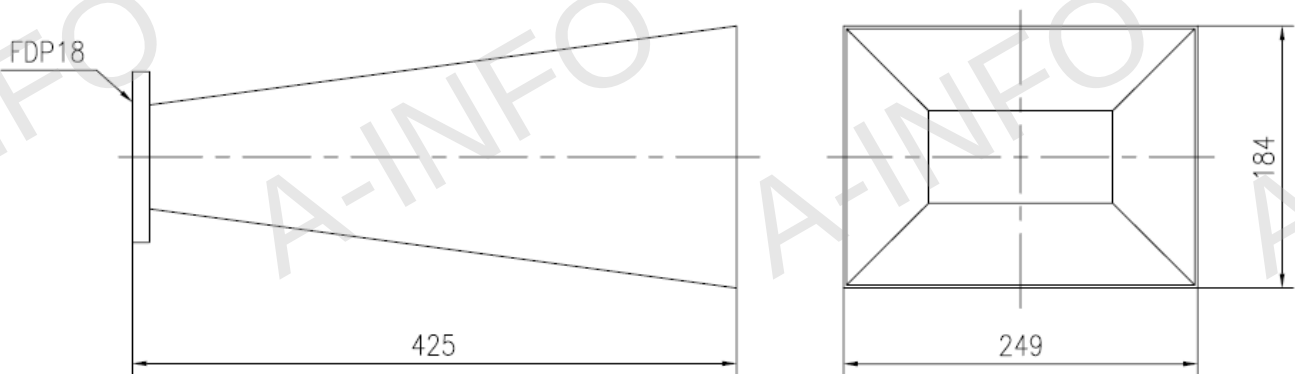
Technical Specification



Frequency Range(GHz)	1.45 - 2.20
Gain(dB)	10 Typ.
3dB Beamwidth(deg)	55 Typ.
Waveguide	WR510
Material	Al
Output	A Type: FDP18 C Type: N-F or SMA-F or 7/16-F
Size(mm) W x H x L	A Type: 249x184x425 C Type: 249x184x536
Net Weight(Kg)	A Type: 2.2 Around C Type: 3.1 Around

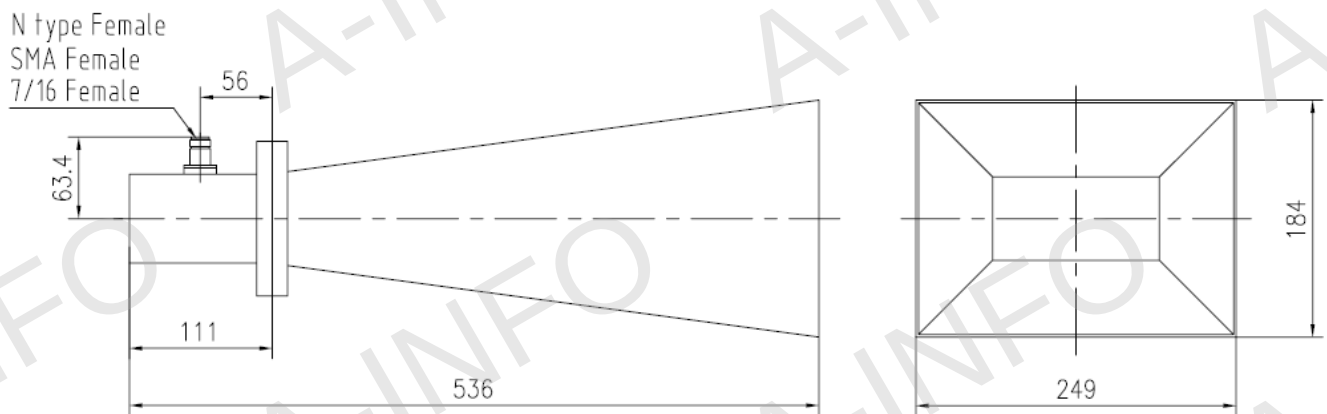
Outline Drawing (Size: mm)

A Type



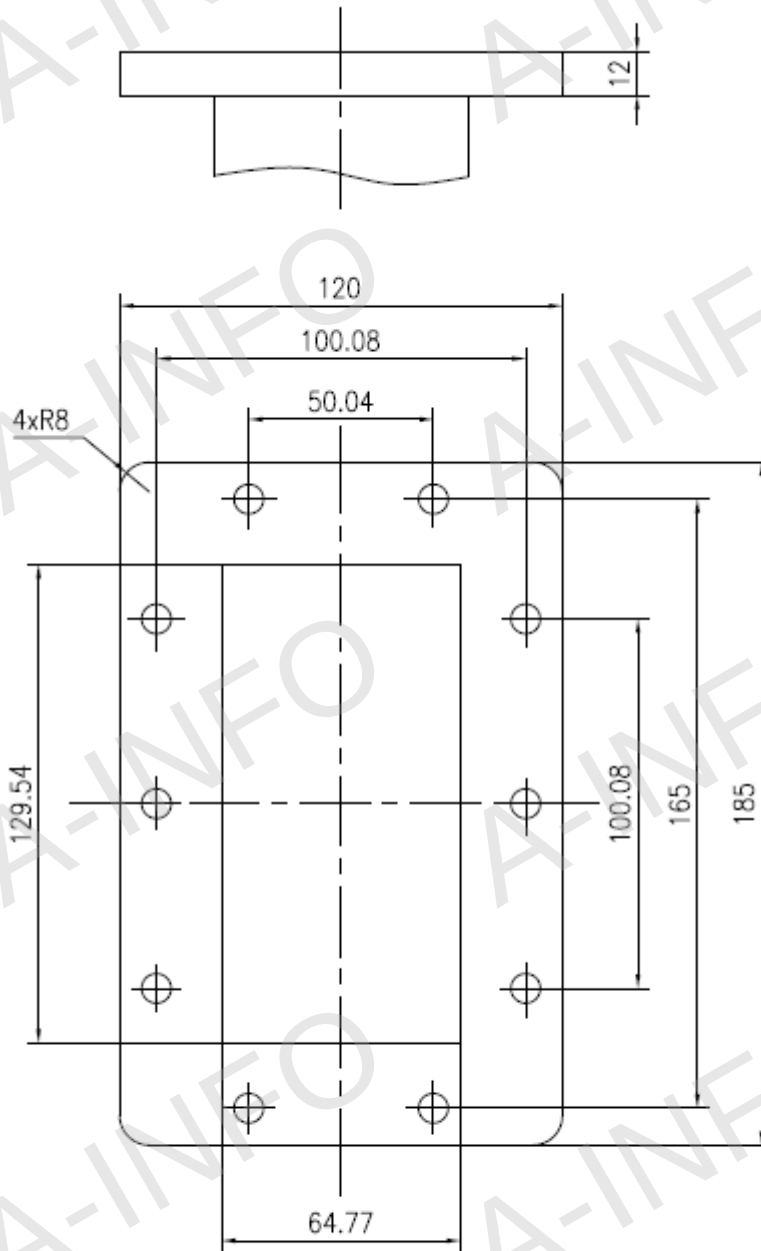
W x H x L: 249x184x425

C Type



W x H x L: 249x184x536

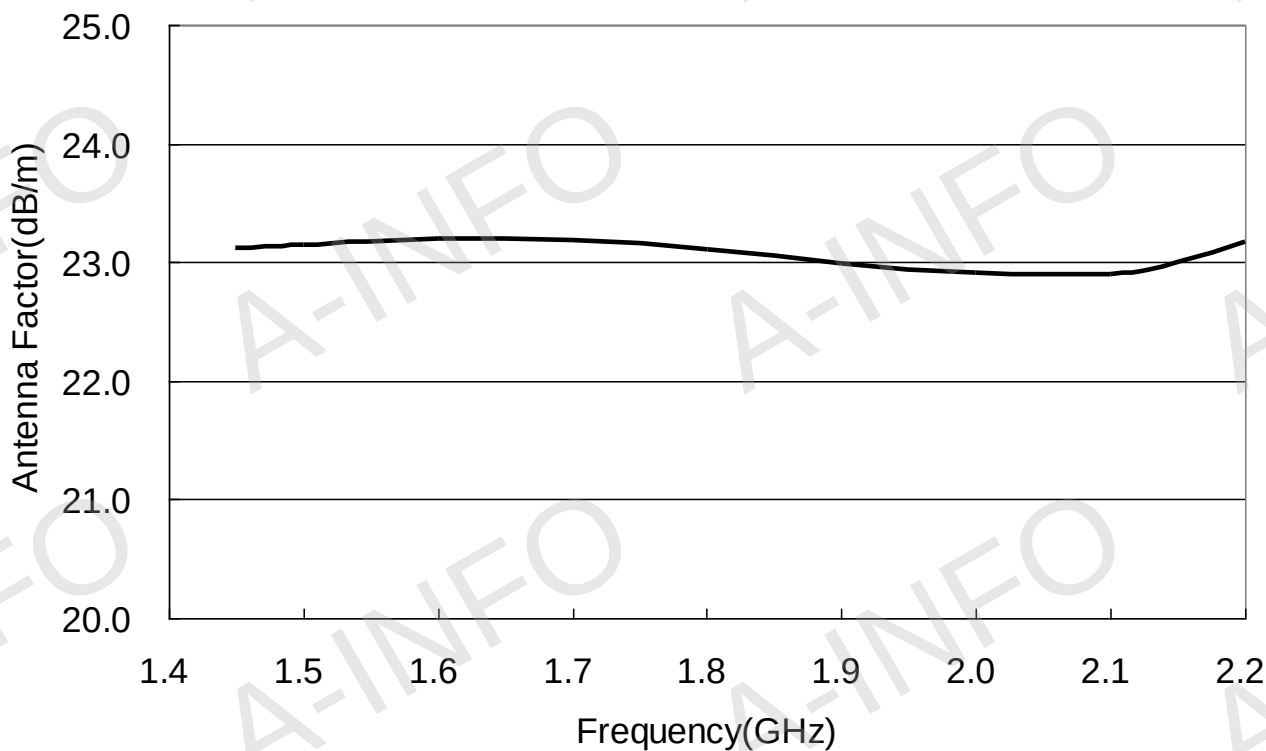
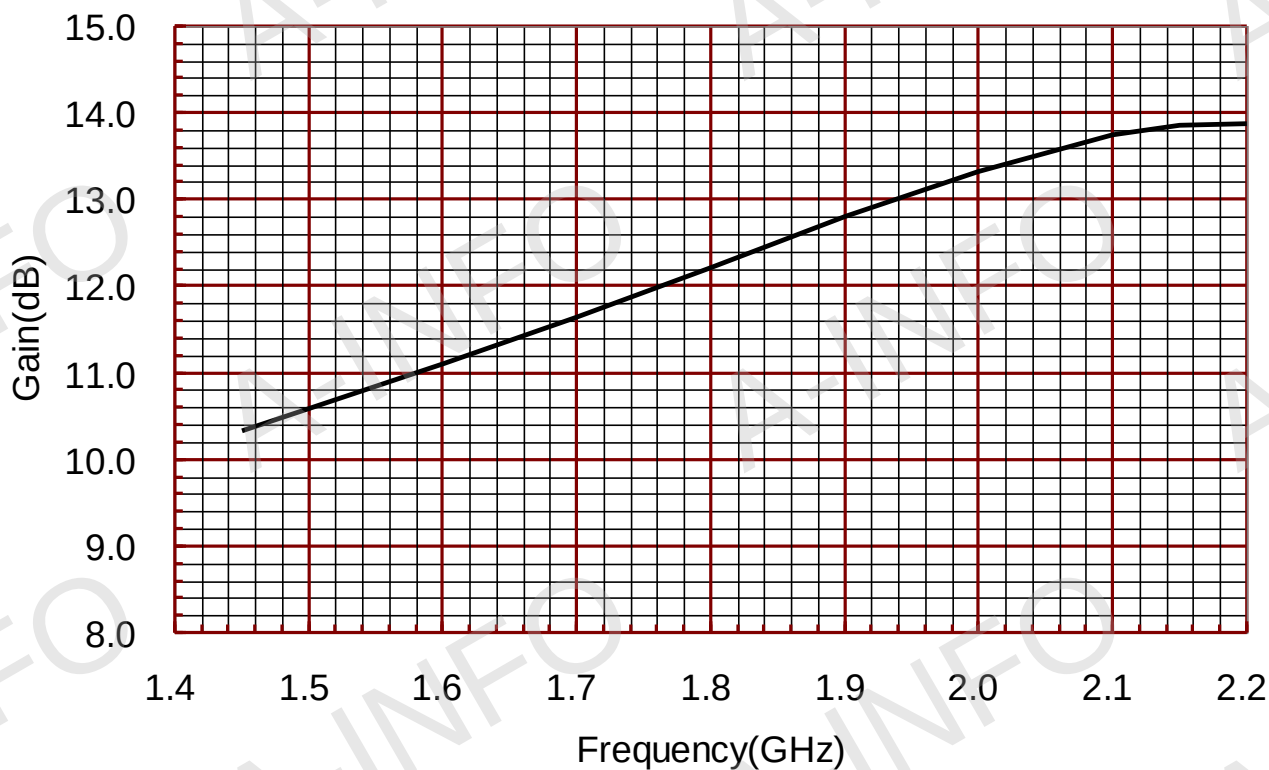
Flange Drawing (Size: mm)



FDP18

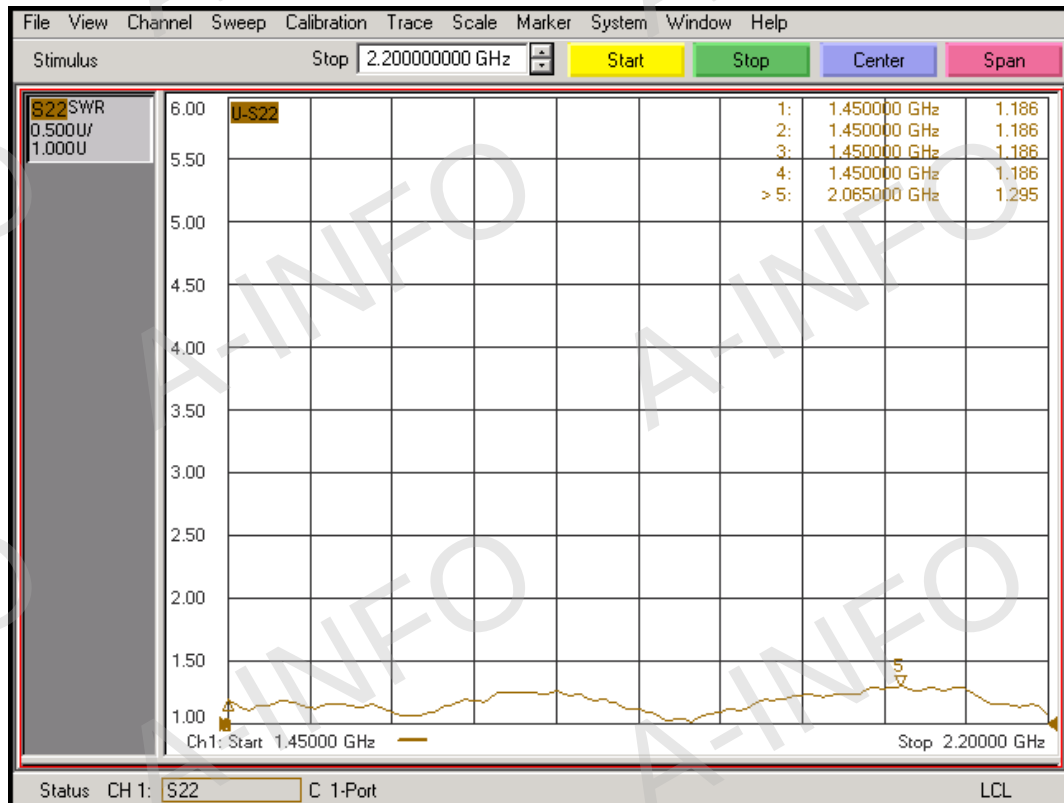
Test Results

1. Gain and Antenna Factor

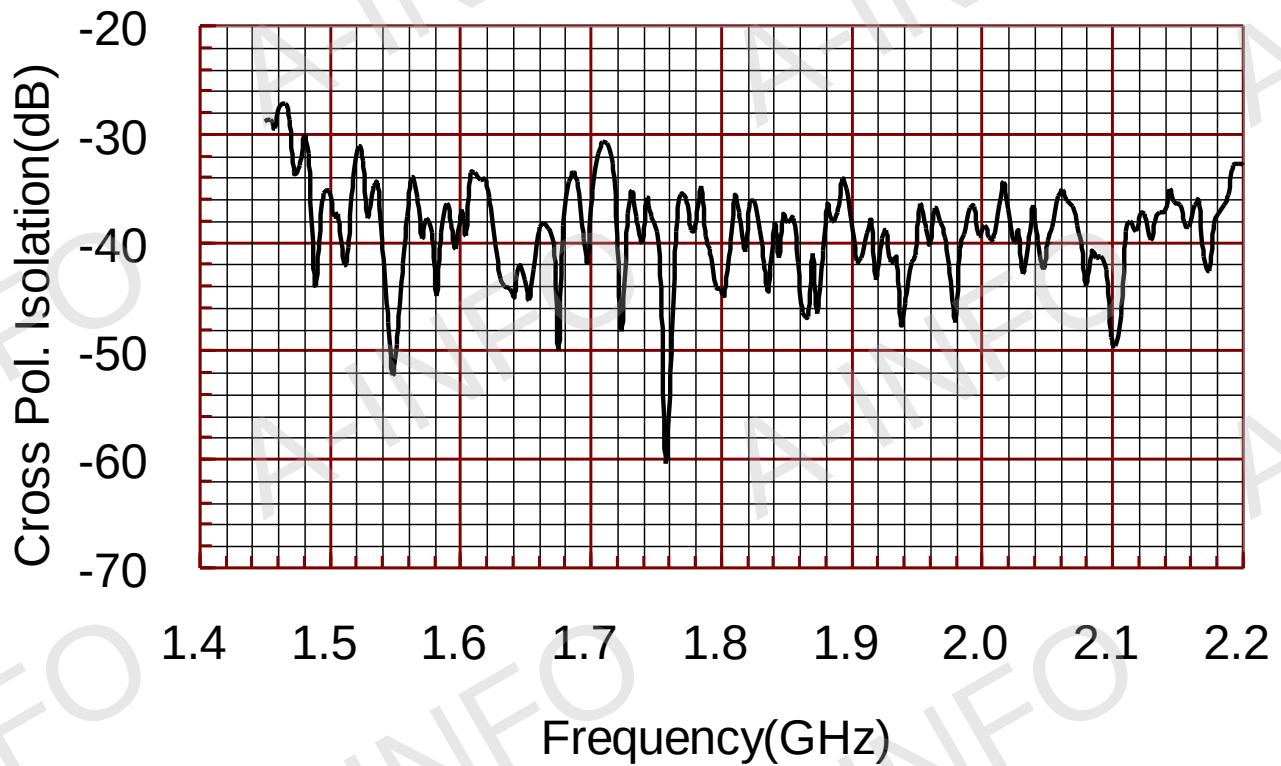


Frequency(GHz)	Gain(dB)	Antenna Factor(dB/m)
1.45	10.32	23.12
1.50	10.58	23.15
1.60	11.10	23.19
1.70	11.64	23.18
1.80	12.21	23.11
1.90	12.80	22.99
2.00	13.32	22.91
2.10	13.75	22.90
2.15	13.86	23.00
2.20	13.88	23.18

2. VSWR



3. Cross Polarization Isolation



4. Pattern

