

Synergy Telecom P Ltd.

Diagonal Horn Antenna 8.20~12.4GHz

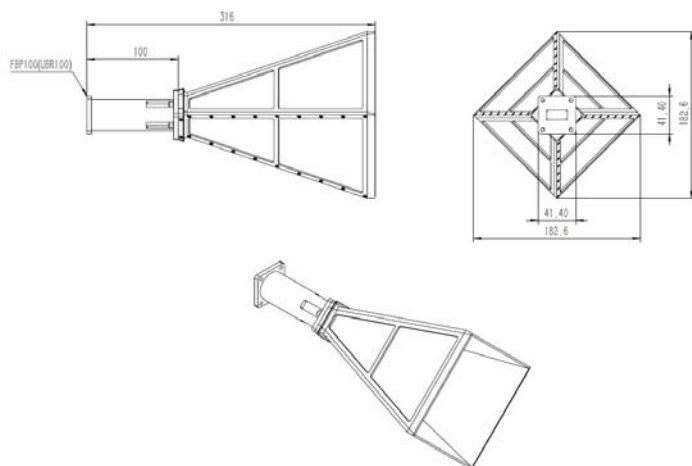


Technical Specification

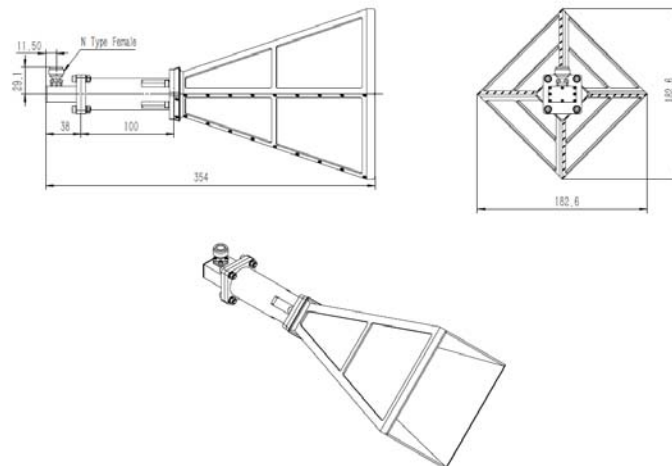
Frequency Range(GHz)	8.2 - 12.4
Gain(dB)	20 Typ.
Waveguide	WR90
Sidelobe(dB)	E Plane: -30dB Max. H Plane: -35dB Max.
Cross Pol. Isolation(dB)	-40 Typ.
VSWR	A Type: 1.2 Max. C Type: 1.5 Max.
Output	A Type: FBP100(UBR100) C Type: N-Female/SMA-Female
Material	Al
Size(mm)	A Type: 316x182.6x182.6 C Type: 354x182.6x182.6
Net Weight(Kg)	A Type: 0.62 Around C Type: 0.70 Around

Outline Drawing (Size: mm)

A Type



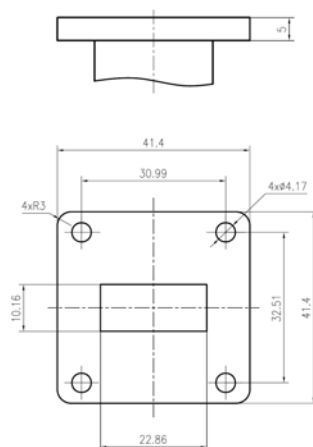
C Type



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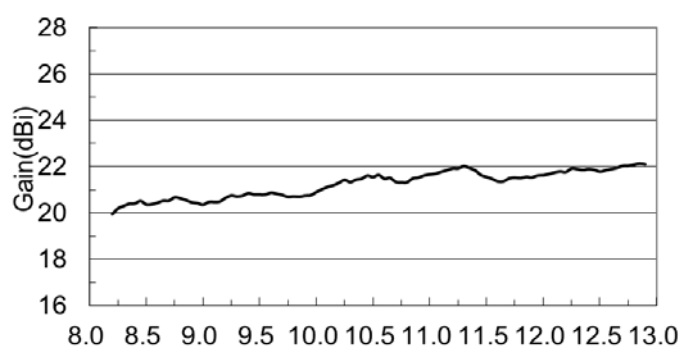
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Flange Drawing (Size: mm)



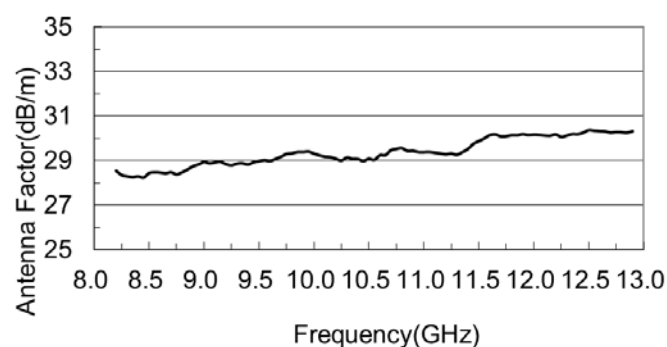
FBP100

Gain



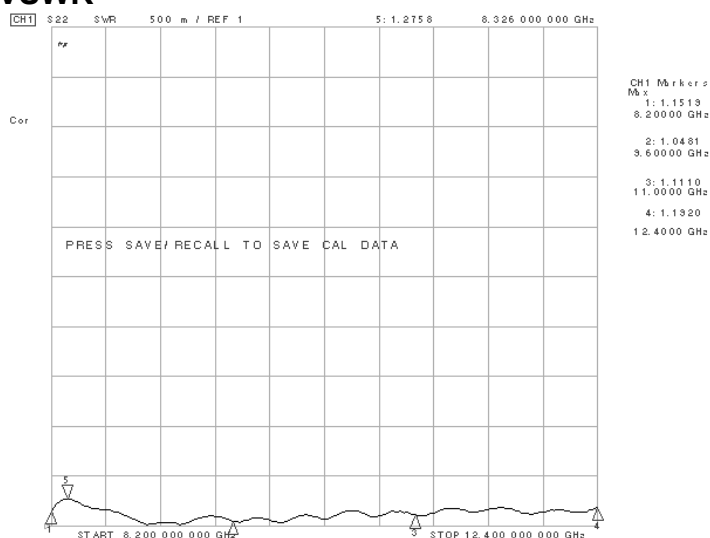
Frequency(GHz)

Antenna Factor

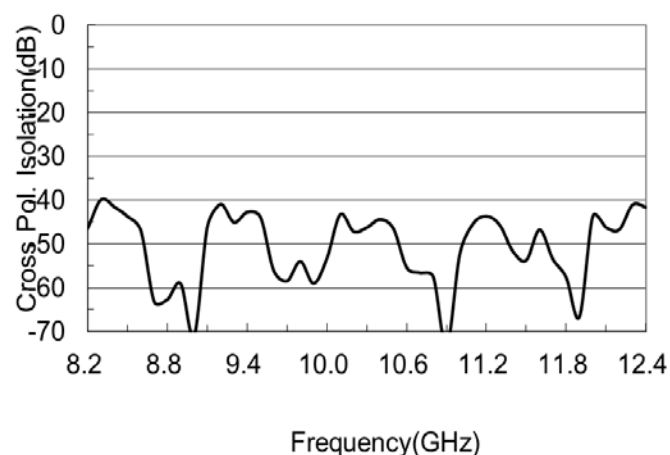


Frequency(GHz)

VSWR



Cross Polarization Isolation



Frequency(GHz)

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Pattern

