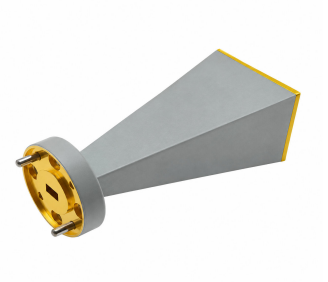
HR10-20



20 dBi Gain, 73.8-110 GHz, WR10 Standard Gain Horn with UG387/U-Mod Flange

Electrical

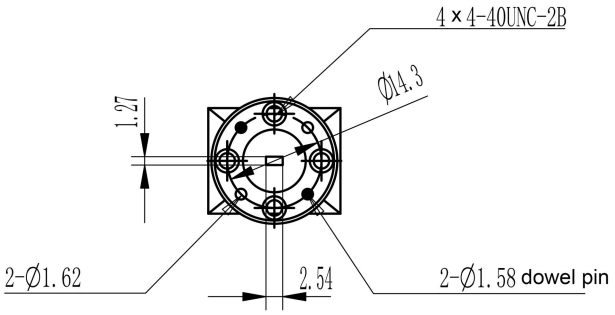
Frequency Range	73.8-110 GHz
Norminal Gain	20 dBi
Polarization	Linear
VSWR	1.2 max
3dB Beamwidth	H-Plane: 12.1~17.3 deg, E-Plane: 11.8~17.5 deg
Operating Temperature	-40℃~+70℃

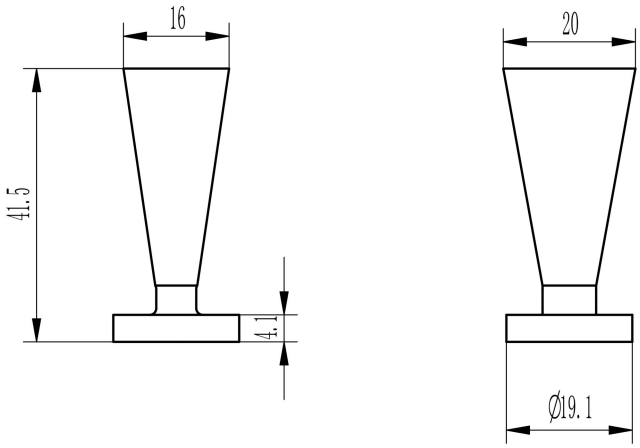
Note: Measured pattern data is not provided by default. CST simulated data & VSWR measurement available.

Mechanical

Waveguide Size	WR10
Flange Type	UG387/U-Mod Round Cover Flange
Body Material and Finish	Copper, painting over gold plating

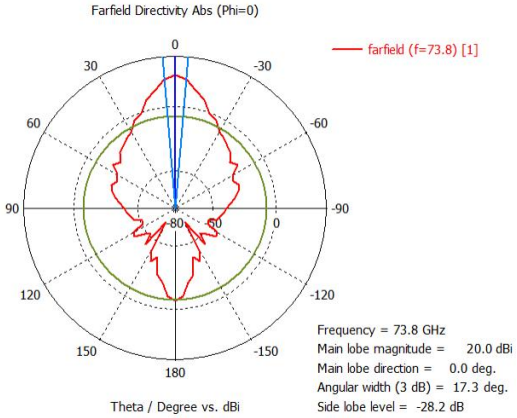
Dimensions(mm)



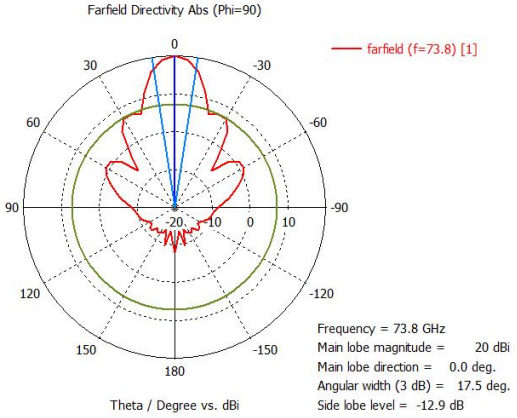


Simulated Antenna Patterns

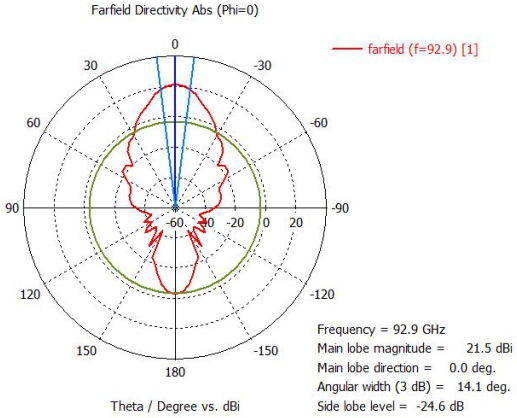
73.8GHz H-Plane



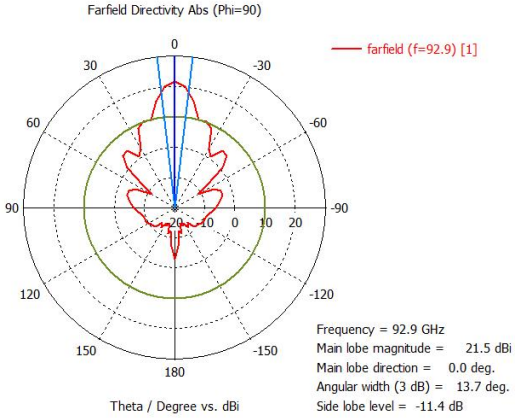
E-Plane



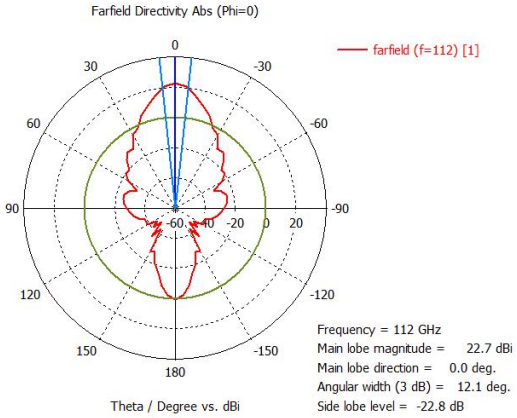
92.9GHz H-Plane



E-Plane



112GHz H-Plane



E-Plane

