

Directional antenna

ANT-57D38DP

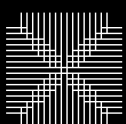
The ANT-57D38DP is a dual-polarization, external parabolic directional antenna with a gain of 38 dBi and two N-type connectors.

Thanks to its dismountable design, this antenna can be packed into three boxes, which have a total volumetric weight of 0.3 m³. This makes the antenna easy to transport anywhere in the world.



The antenna enclosure has a protection from moisture and dust in accordance to IP55 / IP57 as well as resistance to ultraviolet radiation and wind loads. The antenna mounting kit includes an accurate alignment mechanism and additional wind protection.

Antenna gain	38 ±1 dBi
Frequency range	4900 - 6425 MHz
Polarization	Dual



TECHNICAL SPECIFICATION

Polarization	Horizontal (HOR-port) Vertical (VER-port)
Beam width, 3 dB	1.3° - 2.4°
SWR	<2
Connectors	2 X N-Type, Female
Isolation between ports	20 dB (min)
Front-to-back ratio	-35 dB
Cross polarization	40 dB
Dimensions	Antenna assembly: Ø 1856x633 mm Antenna reflector: Ø 1856x500 mm Mounting kit: 817x540x218 mm
Weight	Antenna assembly: up to 31 kg Mounting kit: up to 7.4 kg
Operating temperature	from -55°C to +60°C
Water and dust protection	IP66, IP67
Wind load	120 kmh - operational 200 kmh - survival
Packing list	Reflector (1 pc) Antenna feeder (1 pc) Mechanism for antenna alignment (1 pc)



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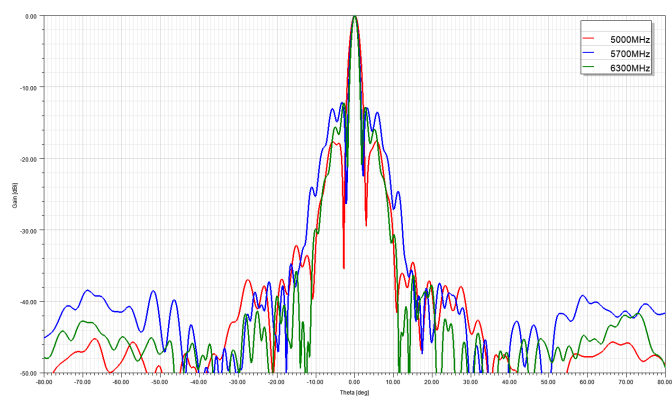
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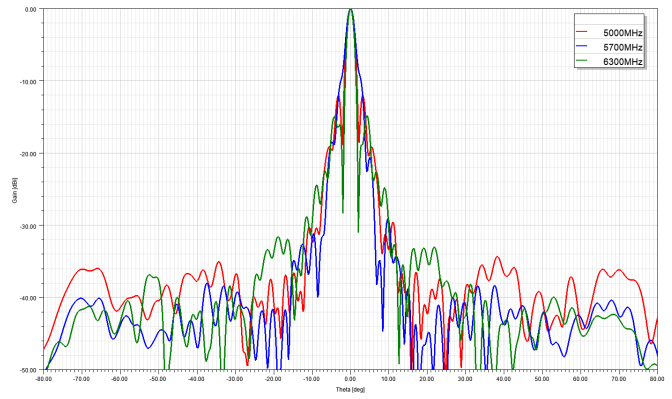
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Radiation pattern

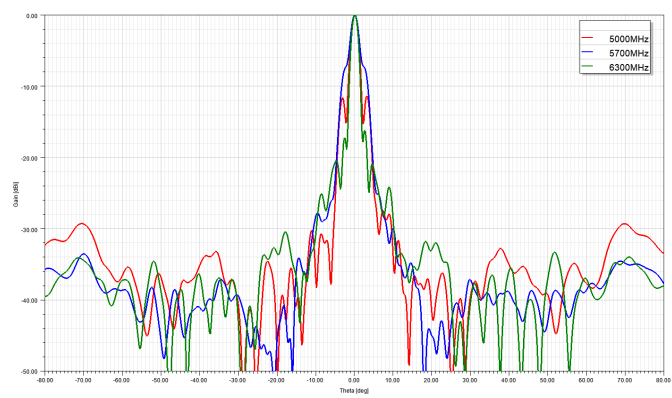
E-plane H-pol



E-plane V-pol



H-plane H-pol



H-plane V-pol

