

ANT-57D38DP


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

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


The antenna enclosure has a protection from moisture and dust in accordance to IP65 / IP67 as well as resistance to ultraviolet radiation and wind loads. The antenna mounting kit includes an accurate alignment mechanism and additional wind protection.



Key Features


 Antenna type: outdoor, directional


 Frequency range: 4900 - 6425 MHz

 Operating temperature range:
from -55°C to +60°C

 2 N-type connectors

 Water and Dust Protection: IP65 / IP67

 Antenna gain: 38 ±1 dBi

 Antenna pattern width:
2.4°-1.3°

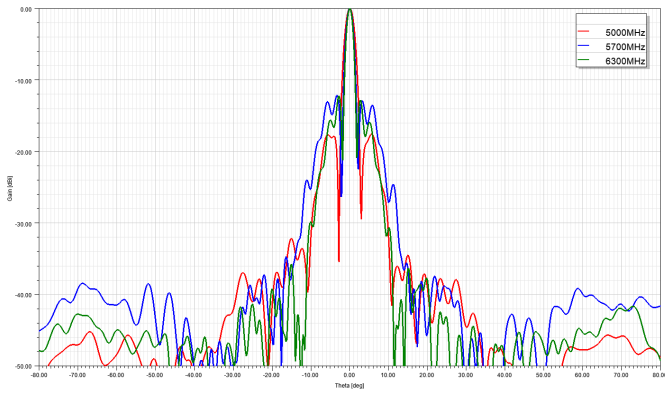
 Input power: 50 W

Specification

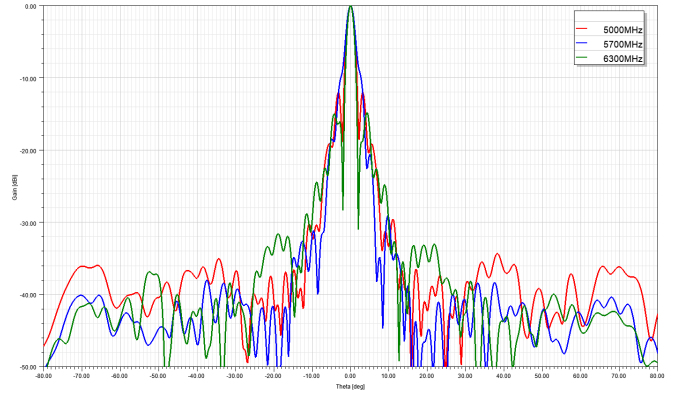
Parameter	Description
Frequency range	4900 - 6425 MHz
Polarization	<ul style="list-style-type: none">• Horizontal (HOR-potr)• Vertical (VER-port)
Antenna gain	38 ±1 dBi
Standing wave ratio	< 2
Beam width 3 dB	1.3° - 2.4°
Front-to-back ratio	-35 dB
Cross polarization	40 dB
Isolation between ports	20 dB (min)
Input power	50 W
Dimensions	<ul style="list-style-type: none">• Antenna assembly with mounting kit: Ø 1856x633 mm• Antenna reflector: Ø 1856x500 mm• Mounting kit: 817x540x218 mm
Weight	<ul style="list-style-type: none">• Antenna assembly up to 31 kg• Mounting kit with alignment mechanism up to 7.4 kg
Connectors	2 x N-type
Operating temperature range	From -55°C to +60°C
Water and Dust Protection	IP66, IP67
Wind load	<ul style="list-style-type: none">• 120 kmh - operational• 160 kmh - survival
Flammability	UI94, Class B
Packing list	<ul style="list-style-type: none">• Reflector (1 pc)• Antenna feeder (1 pc)• Mechanism for precise antenna alignment (1 pc)
Packaging (3 pieces)	<ul style="list-style-type: none">• Lobes - 1000x1000x200 mm, 25 kg;• Feeder - 290x290x610 mm, 3.5 kg;• Mounting kit - 290x290x610 mm, 13 kg.

Radiation pattern

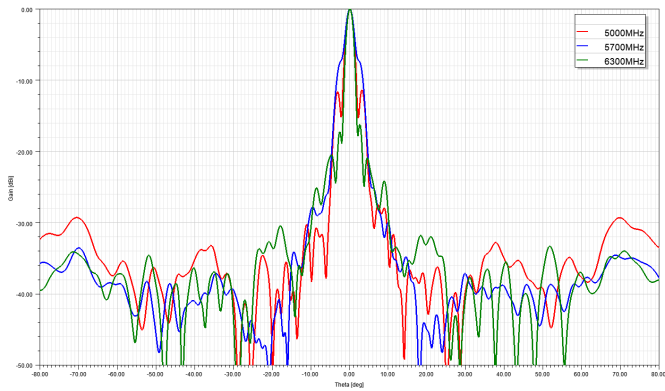
E-plane H-pol



E-plane V-pol



H-plane H-pol



H-plane V-pol

