

A high-gain directional antenna covering **430-1000MHz** with **8 dBi** gain. Rugged passive directional design for directional transmit/receive, drone and signal detection and point-to-point links.



Product photo

Features

- Gain: 8 dBi
- VSWR: ≤ 1.5
- Polarization: Vertical polarization
- Connector: SMA
- Power handling: 20W
- High-gain directional pattern, rugged passive design

Applications

Directional transmit / receive, drone & signal detection, point-to-point links, spectrum monitoring and counter-UAS.

Specifications

Parameter	Specification
High-Gain Frequency Range	430-1000MHz
Operating Frequency Range	400-3000MHz
Gain	8 dBi
Horizontal Beamwidth	$50\pm 5^\circ$
Vertical Beamwidth	$70\pm 3^\circ$
Front-to-Back Ratio	$\geq 10\text{dB}$
VSWR	≤ 1.5
Impedance	50 Ω
Polarization	Vertical polarization
Max Power	20W
Connector	SMA
Dimension	312*330*1.5mm
Weight	400g
Operating Humidity	< 95%
Operating Temperature	-40~55°C
Material	FR-4(black)

Feeder Length	300mm
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