

HPSA-DP



HPSA-DP is Horn Parabolic Sector Dual Polarization Antenna.

Light weight + Compact size + High gain + supports two polarizations

Gain: 15.8-17.9 dBi

It is designed for Ku-band (full range)

Frequency range of 10-15 GHz

Dual-polarization

Beam (H): 56.8-76.5°; Beam (V): 5.6-8°

| Parameter | Value |
|--|-------------------------------|
| Frequency range , GHz | 10.0-15.0 |
| Gain , dBi, at least | min 15.8; max 17.9 |
| Gain variation in the aperture , dB, not more | ±2 |
| VSWR , max | 2 |
| Polarization | Linear: horizontal & vertical |
| Cross-polarization , dB, not less | 25 |
| HPBW: | |

| | |
|----------------------------------|----------------------|
| @horizontal | min 56.8°; max 76.5° |
| @vertical | min 5.6°; max 8° |
| Input power (max), W | 20 |
| Waveguide | WR-75 flange |
| Operating temperature, °C | -40 Δo +80 |
| Humidity | 100% @ 25°C |

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters

listed on each device webpage.

Note! *All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.*