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°

Sector antenna HPSA-DP is dual polarization antenna designed for MVDS / MMDS broadcasting systems at Ku-band range. It has compact shipping dimensions and supports two (H and V) polarizations, so you are able to broadcast two times more channels at the same bandwidth.

Key features:

- Reliable design
- High gain
- Compact size
- Supports two polarizations

Main functions:

- Transmit and receive Ku/C-band signals
- Applied as a part of broadcasting station, repeater and interactive microwave system

HPSA-DP radiation pattern - developed by UMT LLC
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Main parameters:	
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
Beam parameters:	
@horizontal	min 56.8°; max 76.5°
@vertical	min 5.6°; max 8°
RF and interface parameters:	
Input power (max), W	20
Waveguide	WR-75 flange
Environmental:	
Operating temperature, °C	-40 до +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.