HPSA-KUH120

HPSA-KuH120 is Horn Parabolic Sector Antenna.

►Light weight + Compact size + High gain

►Gain: 17 dBi

►It is designed for Ku-band (full range)

►Frequency range of 10-15 GHz

►Radiation pattern of 120° and H-polarization

►Beam (H): 120°; Beam (V): 8°

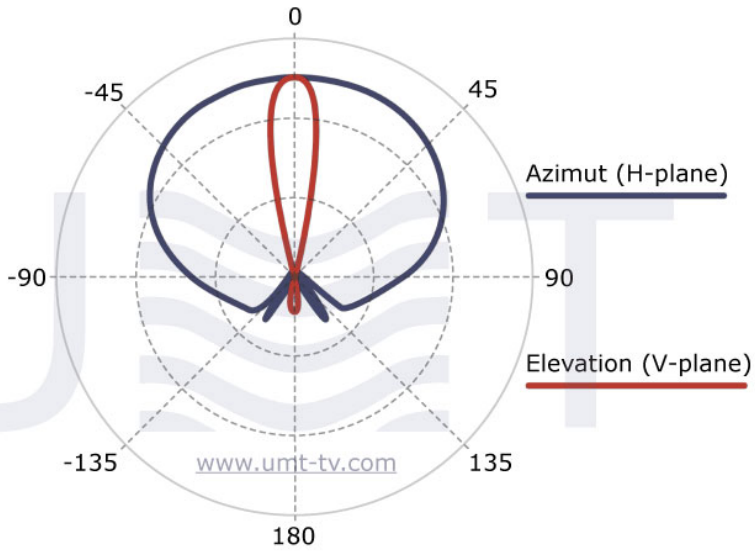
HPSA-KuH120 is Ku-band horn parabolic sector antenna designed for MVDS / MMDS broadcasting systems. HPSA-KuH120 has 120 deg radiation pattern, high gain of 17 dBi and wide frequency range of 10000 – 15000 MHz. HPSA-KuH120 v1 has compact dimensions, minimal visibility and minimum windage characteristics. Signal transmitted by HPSA-KuH120 can be received by typical Ku-band satellite dish and LNB.

Key features:

- 120-degree radiation pattern
- High gain: 17 dBi
- Full Ku-band covering
- Light weight
- Compact size

Main functions:

- Transmission of Ku-band signals
- Applied as a part of broadcasting station, repeater and interactive microwave system



Parameter	Value
Frequency range, GHz	10.0-15.0
Gain, dBi, not less	17
Gain variation in the aperture, dB, not more	±2
VSWR, max	2
Polarization	Linear: horizontal (by order)
Cross-polarization, dB, not less	25
HPBW:	
@horizontal	120°
@vertical	8°
Input power (max), W	20

Waveguide	WR-75 flange
Operating temperature, °C	from -40 to +80
Humidity	100% @ 25°C
Dimensions, mm	294x154x39
Weight, kg	0.6
Casing material	dust/moisture proof

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.*