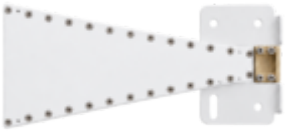
LSA-KH120



LSA-KH120 is Long Sector Antenna designed for K-band.

►Light weight + Compact size + High gain

►Gain: 15 dBi

►It is designed for K-band

►Frequency range of 18-26 GHz

►Radiation pattern of 120° and H-polarization

►Beam (H): 120°; Beam (V): 6°

LSA-KH120 is K-band long sector antenna designed for MVDS / MMDS broadcasting systems. LSA-KH120 has 120 deg radiation pattern, high gain of 15 dBi and wide frequency range of 18 – 26 GHz. LSA-KH120 has compact dimensions, minimal visibility and minimum windage characteristics. Signal transmitted by LSA-KH120 can be received by typical Ku-band satellite dish and LNB.

Key features:

- 120-degree radiation pattern
- High gain: 15 dBi
- Full K-band covering
- Light weight
- Compact size

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

HPSA-KuH120 radiation pattern - developed by UMT LLC
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Main parameters:	
Frequency range, GHz	18.0-26.0
Gain, dBi, not less	15
Gain variation in the aperture, dB, min	±1.5
VSWR, max	2
Polarization	Linear: horizontal (or by order)
Cross-polarization, dB, not less	25
Beam parameters:	
@horizontal	120°
@vertical	6°
RF and interface parameters:	
Input power (max), W	20
Waveguide type, flange	WR-42, UBR220
Environmental:	
Operating temperature, °C	from -50 to +80
Humidity	100% @ 25°C
Mechanical:	
Dimensions, mm	341×140×10.8

Weight, kg	1.2
Mounting	Installation on the pipe diameter up to 45 mm

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.