SWA-K-360



SWA-K-360 is omni Slotted Waveguide Antenna

►It is designed for K-band with antenna aperture of 360° and linear polarization

►Frequency range of 18.6-26.7 (or any 800-1000 MHz of K-band)

►Beam (H): 360°; Beam (V): 9°

►Gain: 13 dBi

SWA-K-360 is K-band omni slotted waveguide antenna designed for MVDS / MMDS broadcasting systems. SWA-K-360 has 360 deg radiation pattern, high gain of 13dBi and wide frequency range of 18.6-26.7 GHz. SWA-K-360 has compact dimensions, minimal visibility and minimum windage characteristics. Signal transmitted by SWA-K-360 can be received by typical K-band satellite dish and LNB.

Key features:

- Omnidirectional: 360-degree radiation pattern
- Frequency range of 18.6-26.7 (or any 800-1000 MHz of K-band)
- High gain: 13 dBi
- Full K-band covering
- Light weight
- Compact size

Main functions:

- Transmit K-band signals

- Applied as a part of broadcasting station, repeater and interactive microwave system

Main parameters:	
Frequency range, GHz	18.6-26.7 (any 800-1000 MHz of this range)
Gain, dBi, at least	13
Gain variation in the aperture, dB, not more	±2
VSWR, max	2
Polarization	Linear, horizontal, vertical (by order)
Cross-polarization, dB, not less	25
Beam parameters:	
@horizontal	360° (180° optional)
@vertical	9°
RF and interface parameters:	
Input power, W, up to	20
Waveguide	WR-42 flange
Environmental:	
Operating temperature, ° C	-40 ... +80
Humidity	100% @ 25°C
Mechanical:	
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.