SWA-KU360 V2 12.7-13.5 GHZ



SWA-Ku360 v2 12.7-13.5 GHz is omni Slotted Waveguide Antenna

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

►Frequency range of 12.7-13.5 GHz (or any 800MHz of Ku-band)

►Beam (H): 360°; Beam (V): 10°

►Gain: 11 dBi

SWA-Ku360 v2 12.7-13.5 GHz is Ku-band omni slotted waveguide antenna designed for MVDS / MMDS broadcasting systems. SWA-Ku360v2 has 360 deg radiation pattern, high gain of 11dBi and wide frequency range of 12.7-13.5 GHz, in addition, has compact dimensions, minimal visibility and minimum windage characteristics. Signal transmitted by SWA-Ku360 v2 12.7-13.5 GHz can be received by typical Ku-band satellite dish and LNB.

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Short instruction about antenna assembling

Key features:

- Omnidirectional: 360-degree radiation pattern
- High gain: 11 dBi
- Full Ku-band covering
- Light weight
- Compact size

Main functions:

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

SWA-Ku360 v2 12.7-13.5 GHz radiation pattern - developed by UMT LLC

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Main parameters:	
Frequency range, GHz	12.7-13.5 (or choose other 800MHz of Ku-band via "customized equipment" button)
Gain, dBi, at least	11
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°
@vertical	10±1°
RF and interface parameters:	
Input power, W, up to	20
Waveguide	WR-75 flange
Environmental:	
Operating temperature, ° C	-40 ... +80
Humidity	100% @ 25°C

Mechanical:	
Dimensions, mm, not more	245x115x115
Weight, kg, not more	2.5
Mount	Mounting on a vertical pipe with a diameter of 40 mm (max)
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.