

## SWA-X360 V2 7.0-7.5 GHZ



SWA-X360 v2 7.0-7.5 GHz is omni Slotted Waveguide Antenna

- ▶ It is designed for X-band with antenna aperture of 360° and linear polarization
- ▶ Frequency range of 7.0-7.5 GHz (or any other of X-band)
- ▶ Beam (H): 360°; Beam (V): 10°
- ▶ Gain (min): 7.75 dBi

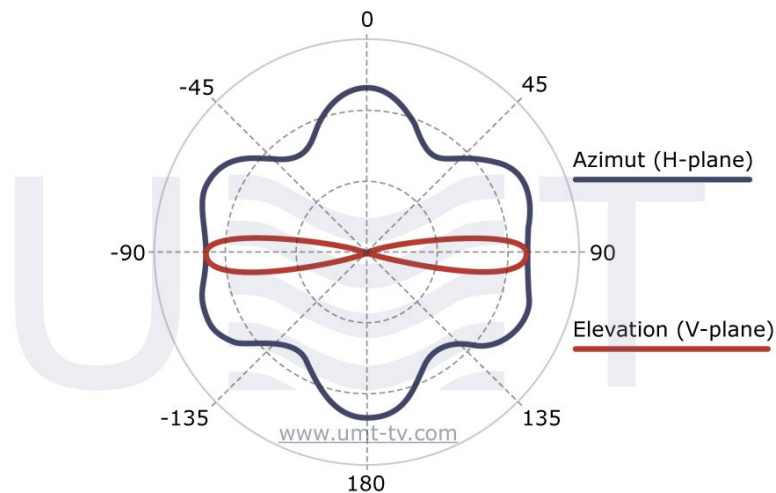
SWA-X360 v2 7.0-7.5 GHz is X-band omni slotted waveguide antenna designed for MVDS / MMDS broadcasting systems. SWA-X360 v2 has 360 deg radiation pattern, high gain of 7.75 dBi and wide frequency range of 7.0-7.5 GHz (other by order), in addition, has compact dimensions, minimal visibility and minimum windage characteristics. Signal transmitted by SWA-X360 v2 7.0-7.5 GHz can be received by typical X-band satellite dish and LNB.

### **Key features:**

- Omnidirectional: 360-degree radiation pattern
- High gain: 7.75 dBi
- Full X-band covering (by order we can develop any range from X-band)
- Light weight
- Compact size

### **Main functions:**

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



Parameter	Value
<b>Frequency range, GHz</b>	7.0 – 7.5 (or choose other range of X-band via "customized" button)
<b>Gain, dBi, at least</b>	7.75
<b>Gain variation in the aperture, dB, not more</b>	±2
<b>VSWR, max</b>	2
<b>Polarization</b>	horizontal (or by order via "customized" button)
<b>Cross-polarization, dB, not less</b>	25
<b>HPBW:</b>	
<b>@horizontal</b>	360°
<b>@vertical</b>	20.6±0.5°
<b>Input power, W, up to</b>	20
<b>Waveguide</b>	WR-112
<b>Type of input connector (by order)</b>	N, female (coax-to-waveguide adapter by order)
<b>Operating temperature, ° C</b>	-40 ... +80
<b>Humidity</b>	100% @ 25°C
<b>Dimensions, mm, not more</b>	245x115x115
<b>Weight, kg, not more</b>	2.5
<b>Mount</b>	Mounting on a vertical pipe with a diameter of 40 mm (max)
<b>Casing material</b>	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.