

## RCPOA 8-18 GHZ



RCPOA 8-18 GHz is Reflective Conical Parabolic Omni Antenna which receives ALL polarizations: vertical **V** / horizontal **H** / right-hand circular **RHCP** / left-hand circular **LHCP** / elliptical

It is designed for both **X + Ku bands**

Has **360° radiation pattern**

Supports **ALL polarizations**

Wide frequency range of **8-18 GHz**

RCPOA 8-18 GHz is Reflective Conical Parabolic Omni Antenna which works in both X and Ku bands, receives ALL ( vertical **V** / horizontal **H** / right-hand circular **RHCP** / left-hand circular **LHCP** or elliptical ) polarizations, has 360 deg radiation pattern, wide frequency range of 8-18 GHz

### Key features:

- Receives ALL polarizations
- Works in wide frequency range 8-18 GHz (works in both X and Ku bands)
- Reliable design
- High gain
- Omnidirectional

### Main function

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

RCPOA 8-18 GHz diagram - developed by UMT LLC

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Parameter	Value
<b>Frequency range</b> , GHz	8-18
<b>Gain</b> , min, dB	7.0
<b>VSWR</b> , max	2.5
<b>Polarization</b>	All ( vertical <b>V</b> / horizontal <b>H</b> / right-hand circular <b>RHCP</b> / left-hand circular <b>LHCP</b> or elliptical <b>by order</b> )
<b>HPBW (vertical)</b> , av., deg	11°
<b>Input power</b> , kW	1
<b>Input and output connectors</b>	SMA or K-type
<b>Storing temperature range</b> , °C	-40 to +70
<b>Working temperature range</b> , °C	-10 to +50
<b>Humidity</b>	100%
<b>Dimensions</b> (height/diameter), mm	570/625
<b>Weight</b> , kg, max	
<b>Allowable wind speed</b> , mps	
<b>Casing material</b>	Radio transparent plastic

<b>Mount</b>	Mounting on a horizontal surface
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*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.*