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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Main parameters:	
Frequency range, GHz	8-18
Gain, min, dB	7.0
VSWR, max	2.5
Polarization	All (vertical **V** / horizontal **H** / right-hand circular **RHCP** / left-hand circular **LHCP** or elliptical **by order**)
Beam parameters:	
HPBW (vertical), av., deg	11°
RF and interface parameters:	
Input power, kW	1
Input and output connectors	SMA or K-type
Environmental:	
Storing temperature range, °C	-40 to +70
Working temperature range, °C	-10 to +50
Humidity	100%
Allowable wind speed, mps	
Mechanical:	

Dimensions (height/diameter), mm	570/625
Weight, kg, max	
Casing material	Radio transparent plastic
Mount	Mounting on a horizontal surface

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.