BIOA-X/KU-360



BiOA-X/Ku-360 is biconic omni antenna

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

►Frequency range of 8.0-18.0 GHz

►Beam (H): 360°; Beam (V): 8°

►Gain: 8 dBi

►Full X and Ku-band covering

BiOA-X/Ku-360 is Biconic OMNI antenna designed for Ku band (full covering). BiOA-X/Ku-360 has gain of 8 dBi and low windage characteristics. Signal transmitted by this OMNI antenna can be received by typical Ku-band dish and LNB.

Key features:

- Omnidirectional: 360-degree radiation pattern
- Frequency range of 8.0-18.0 GHz
- Low pattern ripple: up to 1 dB
- Gain: 8 dBi
- Full X and Ku-band covering
- Low windage characteristics

Main functions:

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

BiOA-Ku-360 diagram - developed by UMT LLC

Main parameters:	
Frequency range, GHz	8.0-12.0 or 12.4-18.0 (by request)
Gain, dBi, at least	8
Gain variation in the aperture, dB, not more	1
VSWR, max	1.9
Polarization	Vertical
Cross-polarization, dB, not less	25
Beam parameters:	
@horizontal	360°
@vertical	8°
RF and interface parameters:	
In/Out power, W, up to	20
In/Out connection	N-type (SMA-type by request)
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.