CAA-UHF-360



CAA-UHF-360 is omni collinear antenna array

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

►Wide frequency range of 625-758 MHz

►Beam (H): 360°; Beam (V): 11°

►Gain: 11.5 dBi

CAA-UHF-360 is omni collinear antenna array designed for C band (full covering). CAA-UHF-360 has gain of 11.5 dBi and low windage characteristics. Signal transmitted by this OMNI antenna can be received by typical T2 antenna.

Key features:

- Omnidirectional: 360-degree radiation pattern
- Wide frequency range of 625-758 MHz (or any 120 MHz by order)
- Low pattern ripple: up to 1 dB
- Gain: 11.5 dBi
- Low windage characteristics

Main functions:

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

CAA-UHF-360 diagram - developed by UMT LLC

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Parameter	Value
Frequency range, MHz	625.3-758.1 (or any 120 MHz by order)
Gain, dBi, at least	11.5
Gain variation in the aperture, dB, not more	+/-2.5
VSWR, max	1.5
Polarization	Horizontal
Cross-polarization, dB, not less	25
HPBW:	
@horizontal	360°
@vertical	11°
In/Out power, W, up to	20
In/Out connection	N-type (SMA-type by request)
Dimentions, mm (hight, diameter)	2050, 120
Operating temperature, °C	-40 ... +80
Humidity	100% @ 25°C
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.*