# DRA-KU125



DRA-Ku125 is Double Reflector Antenna (Cassegrain antenna).

►It is designed for Ku-band: 10-15 GHz

►Supports linear and circular polarizations (by order)

►Beam (H): 1.2°; Beam (V): 1.2°

►Cross-polarization isolation: 25 dB

►Gain: 39 dBi

DRA-Ku125 is Ku-band double reflector antenna (Cassegrain antenna) designed for transmitting radio relay stations (RRS), MVDS / MMDS broadcasting systems. Antenna is performed as a single block with flange for transmitter or receiver connecting. Using one or several radio relay links allows to transfer the broadcast signal from/to remote TV (cable) operators or from/to remote head-end without wires. Thus, the current transmission method is especially useful in difficult terrain in the service area where cable laying is impossible.

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**Short instruction about antenna assembling**

**Key features:**

- High gain: 39 dBi
- Full Ku-band covering

- Beam(H): 1.2°; Beam (V): 1.2°
- Cross-polarization isolation of 25 dB

**Main functions:**

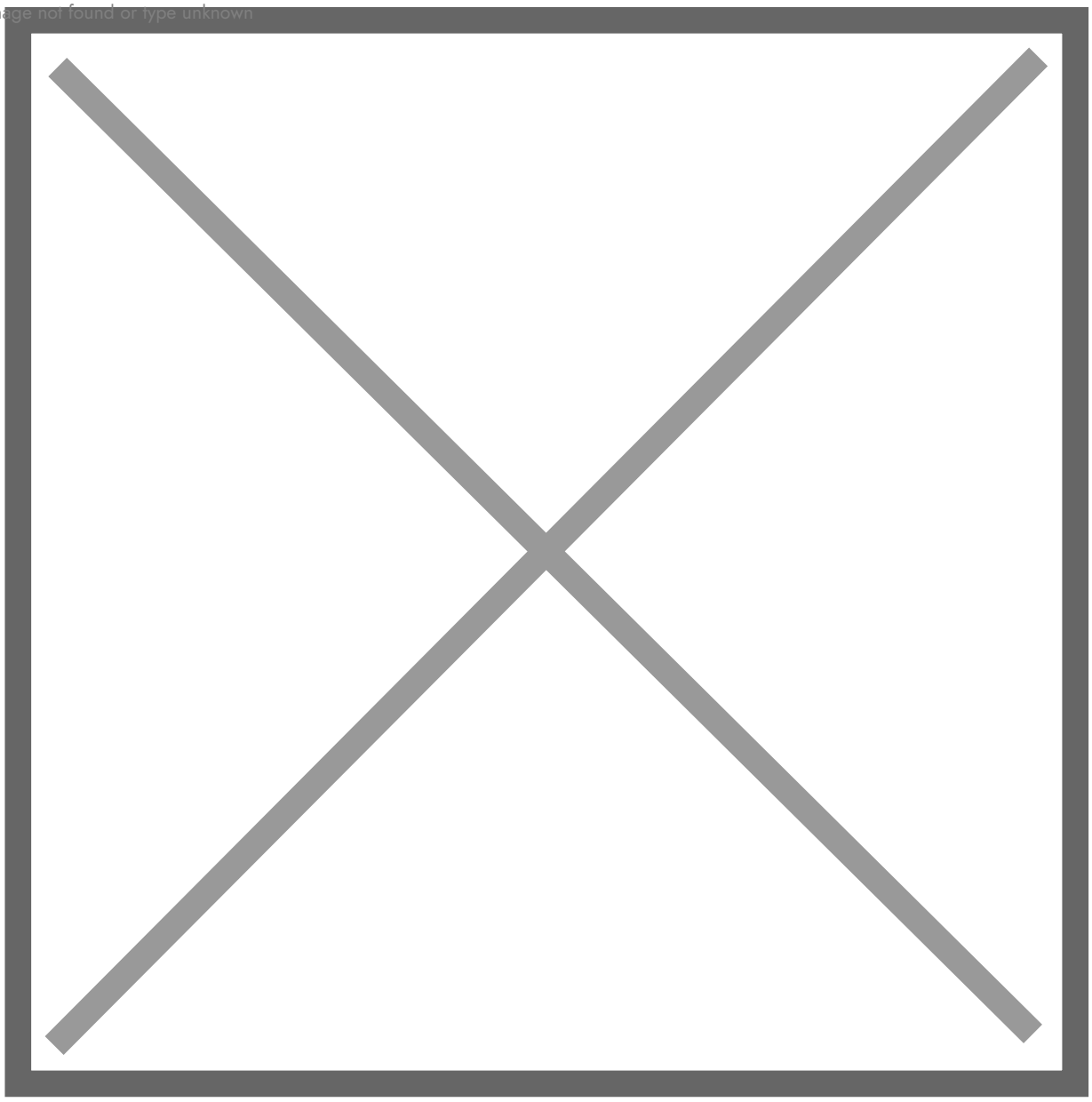
- Transmission or receiving of Ku-band signals
- Applied as a part of broadcasting head-end station, repeater, interactive microwave system and used at subscriber's receiving side

| Main parameters: | |
|---|---|
| Frequency range, GHz | 10 – 15 |
| Gain, dBi | 39 |
| VSWR | 1.2 |
| Polarization | Linear or circular |
| Cross-polarization isolation, dB | 25 |
| Beam parameters: | |
| @horizontal | 1.2° |
| @vertical | 1.2° |
| Side-lobe level relative to the main beam, dB | |
| RF and interface parameters: | |
| Input power, W | 20 |
| Waveguide | WR-75 or C-120 |
| Environmental: | |

| | |
|---|---|
| Temperature range, °C | -50 to +80 |
| Humidity | 100% where 25°C |
| Mechanical: | |
| Size, mm | 1310x1310x350 |
| Weight, kg | 25 |
| Mount | Mounting on a vertical pipe with a diameter of 50-100 mm |
| Casing material | Canvas coverage |

## Installation:

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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.