

## DRA-KA045



DRA-Ka045 \_ ( Cassegrain).

K-band Ka-band: 18-40 GHz

( )

(H): 2° (V): 2°

: 25 dB

: 39 dBi

DRA-Ka045 is K-band & Ka-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.



[Short instruction about antenna assembling](#)

### Key features:

- High gain: 39 dBi
- Full K-band & Ka-band covering (both by order)
- Beam(H): 2°; Beam (V): 2°

- Cross-polarization isolation of 25 dB

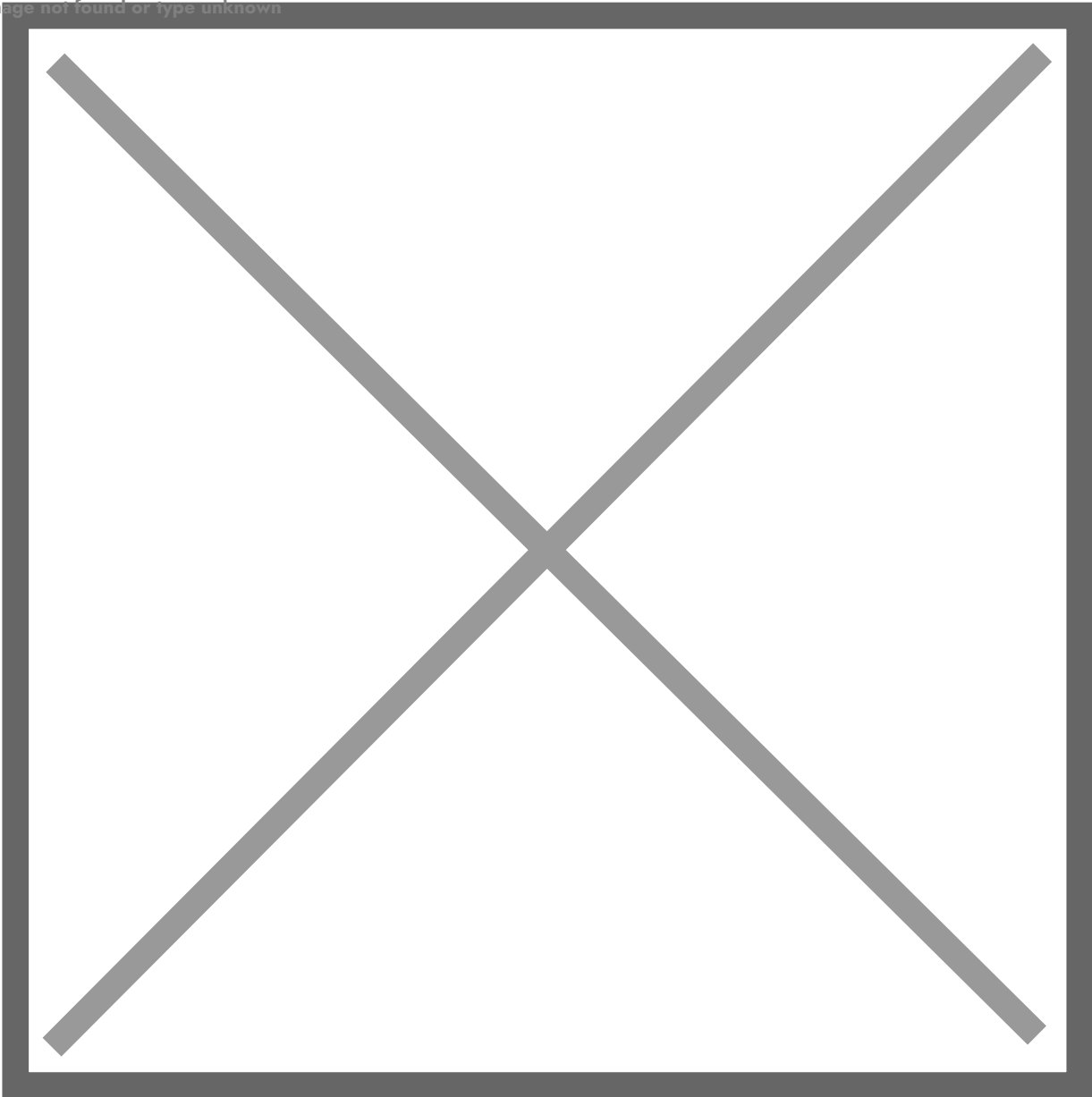
**Main functions:**

- Transmission or receiving of both (by order) K-band & Ka-band signals
- Applied as a part of broadcasting head-end station, repeater, interactive microwave system and used at subscriber's receiving side

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GHz	25-40 (18-40 )
dBi	39
VSWR	1.5
dB	25
:	
@	2°
@	2°
	-12 dB
RF :	
W	20
	WR-28 C-320
:	
°C	-50 +80
	100% 25°C
:	

mm	480x480x190
kg	5.4
	50-100 mm

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