



DUAL-REFLECTOR CASSEGRAIN RX/TX ANTENNA, 3.6-17.7 GHZ, DUAL LINEAR POLARIZATION, 2X SMA FEMALE, 100 W, DRA-125WB 1.25 M



DRA-125WB 1.25 m dual-reflector Cassegrain antenna for 3.6-17.7 GHz, with dual orthogonal linear polarization, 2x SMA female outputs, 100 W CW power, and -50 to +50 °C operation.

Parameter	Value
Model	DRA-125WB
Antenna Type	Dual-reflector Cassegrain receive/transmit antenna
Equivalent Aperture	1.25 m
Operating Frequency Range	3.6-17.7 GHz
Polarization	Dual orthogonal linear
Reflector Positioning	Azimuth and elevation
Metal Parts Protection	Hot-dip galvanizing
Operating Temperature Range	-50 to +50 °C
Feed Operating Frequency Range	3.6-17.7 GHz
Feed Gain	10-12 dBi
Input Impedance	50 Ohm

H-Plane -3 dB Radiation Sector	25°
E-Plane -3 dB Radiation Sector	25°
Feed Polarization	Orthogonal linear
Maximum Input Power	100 W
Cross-Polarization Suppression	25 dB
Design	All-weather
Feed Dimensions (L x W x H)	250 x 125 x 125 mm
Feed Operating Temperature	-50 to +50 °C at 100% humidity
Feed Outputs	2 x SMA female, one for each polarization
COMPLETE ANTENNA CHARACTERISTICS	
-3 dB Beamwidth at Center Frequency	≤1.43°
Noise Temperature at 10° Elevation	38 K
G/T at 20°	24.27 dB/K
Maximum Total Input Power	100 W CW
Cross-Polarization Isolation	30 dB
STANDARD AZIMUTH/ELEVATION POSITIONER	
Reliable Operating Wind Speed	Up to 80 km/h
Pointing Hold Accuracy Under Operating Wind Loads	50 arcseconds
Wind Gust Resistance	Up to 120 km/h
Antenna Survival in Zenith Position	Up to 150 km/h

REINFORCED POSITIONER OPTION	
Normal Operating Wind Speed	Up to 120 km/h
Antenna Survival in Zenith Position	Up to 200 km/h

Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that the 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 the 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 of our customers has a 1.5 year warranty and 7 year aftersales support for the whole range of our products.