High Power Dual Band SBA for 2.4 and 5 GHz SBA2456XDB

The SBA2456XDB is high power dual band steerable beam antenna covering the full 2.4 and 5 GHz frequency bands (WiFi). The antenna beam can be steered to achieve optimal gain to the desired direction and to avoid interference from unwanted directions. The antenna provides up to 24 sharp beams with a minimum of 20-degree beamwidth to cover the full 360-degree horizontal area. Its extremely fast beam switching ability makes the antenna suitable for UAV/drone detection and counter measures.

Frequency range

Radiation pattern

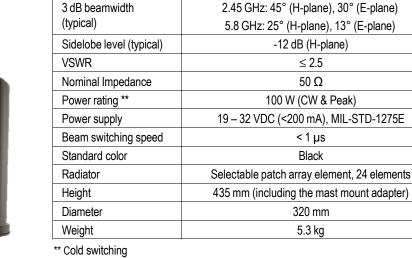
Polarization

Antenna type

Gain (typical)

- High power rating 100 W CW
- Sharp and omni beam modes available
- Fast beam switching by using RS-485 or Ethernet based communication





Installation*		
RF connection	Female N-type connector	
Mounting	Mast mount adapter for 40-60 mm masts included	
* More information on red	quest	

Product details*

2400 - 2500 MHz and 5000 - 6000 MHz

Nominally vertical

Steerable beam antenna

Directional and omni (Sharp and omni beam modes) 10 - 11 dBi @ 2.4 - 2.5 GHz

12-14 dBi @ 5.0 - 5.9 GHz

Order number	
SBA2456XDB	Antenna as described above

Date 17.05.2024

V1.1w