

Ultra Wideband Dual Port Antenna WBC256

The WBC256 is a wideband dual port antenna effectively covering the VHF, UHF and SHF bands. It is ideally suited for high power electronic countermeasure and C3I applications, especially where a multiple antenna set-up is not possible or antenna co-location problems may occur.



- Two antennas integrated in the same mechanics (patent pending):
 - Low band monopole antenna provides superior performance from as low as 20 MHz onwards
 - High band, ground plane independent antenna positioned at the top for optimum coverage
- High power rating, up to 350 W in total

Product details*	
Frequency range	Port 1: 20 – 512 MHz Port 2: 500 – 6000 MHz
Polarization	Nominally vertical
Radiation pattern	Omnidirectional
Gain	Measured Patterns on Request
VSWR	Port 1: ≤ 3.5 / Port 2: < 2.5
Nominal Impedance	50 Ω
Power rating (RMS)	Port 1: 150 W Port 2: 500-1000 MHz: 200 W 1000-2000 MHz: 150 W 2000-4000 MHz: 100 W 4000-6000 MHz: 80 W
Standard color	Black
Radiator	Carbon fibre and aluminium enclosed in glass fibre
Height	1770 mm
Weight	6.5 kg

Installation*	
RF connection	Two Female N-type connectors
Mounting	4 hole US pattern mount

*Specific adjustments on request

Order number	NSN	Product
WBC256	5985-58-000-5329	Antenna as described above

V2.2w
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