

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	ting 4 hole US pattern mount		

^{*}Specific adjustments on request

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



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