

Wideband Dual Port Antenna WBC2300

The WBC2300 is a wideband dual port antenna effectively covering the VHF and UHF bands. It is well 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:
 - Low band monopole antenna provides excellent performance from 25 MHz onwards
 - High band, ground plane independent antenna positioned at the top for optimum coverage
- High power rating, more than 300 W in total



Product details*	
Frequency range	Port 1: 25 – 512 MHz Port 2: 500 – 3000 MHz
Polarization	Nominally vertical
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	Port 1: ≤ 3.5 / Port 2: < 3.5
Nominal Impedance	50 Ω
Power rating (RMS)	Port 1: 140 W Port 2: 500-1000 MHz: 200 W 1000-2000 MHz: 150 W 2000-3000 MHz: 100 W
Standard color	Black
Radiator	Aluminium enclosed in fibreglass radome with rubber coated shock absorption spring
Height	1730 mm
Weight	6.1 kg

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

*Specific adjustments on request

Order number	
WBC2300	Antenna as described above
WBC2300-R1	Antenna with removable radiator (weight: 7.1 kg)

V1.2w
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