

MBA-0188

Multi-Band UHF Array

Designed for SIGINT, Radar, and ISR applications, this compact, low-profile, single-port antenna is the ultimate all-in-one solution. With an efficiency of over 50% for the aperture across the entire band, the MBA-0188 has unparalleled performance. This versatile antenna can be installed in many locations on an aircraft or on other vehicles. It can be placed both on conductive and non-conductive surfaces,



and can be behind a radome or other non-conductive skin. The output of the antenna is a dual linear polarized antenna with horizontal and vertical polarizations available to the user.

Specifications

Electrical

Frequency Band	210 – 1000 MHz
Gain	2 – 13.5 dBi
VSWR	< 3.0 : 1
Polarization	Dual Linear (Horizontal and Vertical)
Power	350+ Watts CW, 1000 Watt Peak per port
Ground Plane	Ground Plane Independent
Connectors	TNC Female
Number of Ports	2

Mechanical

Weight	18.4 lbs
Dimensions	25.6" Length x 20" Width x 3.65" Height
Finish	Black, Painted
Shock	RTCA/DO-160, Section 7, Cat A
Vibration	RTCA/DO-160, Section 8, Cat S
Temperature	-55°C to +70°C (Operational) -55°C to +85°C (Storage)