

MBA-0188

Multi-Band UHF Array

DESCRIPTION

The MBA-0188 is a low-profile, dual-port antenna is designed for signal intelligence (SIGINT), radar, and intelligence, surveillance and reconnaissance (ISR) applications.

With an efficiency of over 50% for the aperture across the entire band, it 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; it 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.



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SPECIFICATIONS

ELECTRICAL

Frequency Band	210 MHz to 1000 MHz
VSWR	< 3.0 : 1
Polarization	Horizontal or Vertical, Linear
Gain	+2 dBi to +13.5 dBi
Power	350+ Watts CW 1000 Watts Peak Port
Ground Plane	Ground Plane Independent
Number of Ports	2
Connectors	TNC Female

ENVIRONMENTAL

Shock	RTCA/DO-160, Section 7, Cat A
Vibration	RTCA/DO-160, Section 8, Cat S
Operational Temp.	-67°F to +158°F (-55°C to +70°C)

MECHANICAL

Weight	18.4 lbs (8.3 kg)
Dimensions	25.6" L x 20" W x 3.65" H (65 cm L x 50.8 cm W x 9.3 cm H)
Mounting	Available Upon Request
Finish (Default)	MIL-DTL-5541F, TYPE II, CLASS 3 FED-STD-595 37030 (Black)

MODEL NUMBERS

White Color	MBA-0188-W
Tan 686A Color	MBA-0188-T
Green 383 Color	MBA-0188-G
Aircraft Gray Color	MBA-0188-AG