

# MBA-0203

## Multi-Band Airborne ISR Antenna



### DESCRIPTION

Designed for airborne intelligence, surveillance and reconnaissance (ISR) systems, the MBA-0203 is a low-profile, multi-band antenna array with three output ports.

This lightweight antenna has excellent low-frequency performance in a 1.75" thick profile.

It has been qualified using RTCA DO-160G.

Three connectors are on the rear of the antenna.



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### SPECIFICATIONS

#### ELECTRICAL

Frequency Bands	700 MHz to 960 MHz 1500 MHz to 2700 MHz 3650 MHz to 5850 MHz
VSWR	< 2.0 : 1
Polarization	Left-Hand or Right-Hand Circular
Gain	+8 dBiC to +12 dBiC
Power	75+ Watts CW
Ground Plane	Ground Plane Independent
Connectors	SMA Female
Number of Ports	3

#### ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-67°F to +158°F (-55°C to +70°C)

#### MECHANICAL

Weight	4.5 lbs (2 kg)
Dimensions	14" L x 10" W x 1.75" H (35.6 cm L x 25.4 cm W x 4.4 cm H)
Mounting	Available Upon Request
Finish (Default)	FED-STD-595 37030 (Black)

#### MODEL NUMBERS

White Color	MBA-0203-W
Tan 686A Color	MBA-0203-T

#### RELATED PRODUCTS

650 MHz to 5900 MHz	MBA-0183
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