

# MBA-0241

## 10°x10° Narrow Beam Array



### DESCRIPTION

The MBA-0241 is a compact, low-profile, single-port antenna suitable for applications between 1700 MHz to 2600 MHz.

This antenna is left-hand circularly-polarized with fixed beam width of 10°. It has been qualified for airborne intelligence, surveillance, and reconnaissance (ISR) applications.

Applications include multi-band communications.



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### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	1700 MHz to 2600 MHz
VSWR	≤ 2.2
Polarization	Left-Hand Circular
Gain	19 to 22 dBiC
Power	100 Watts
Ground Plane	Ground Plane Independent
Connector	SMA Female

#### ENVIRONMENTAL

Operational Temp.	-40°F to +158°F (-40°C to +70°C)
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#### MECHANICAL

Weight	17.5 lbs (7.94 kg)
Dimensions	29" L x 25" W x 1" H (73.6 cm L x 63.5 cm W x 2.5 cm H)
Mounting	Available Upon Request
Finish (Default)	White Polyurethane Enamel

#### MODEL NUMBERS

Black Color	MBA-0241-B
Tan 686A Color	MBA-0241-T
Green 383 Color	MBA-0241-G