

MBA-0249

5°x10° Narrow Beam Array

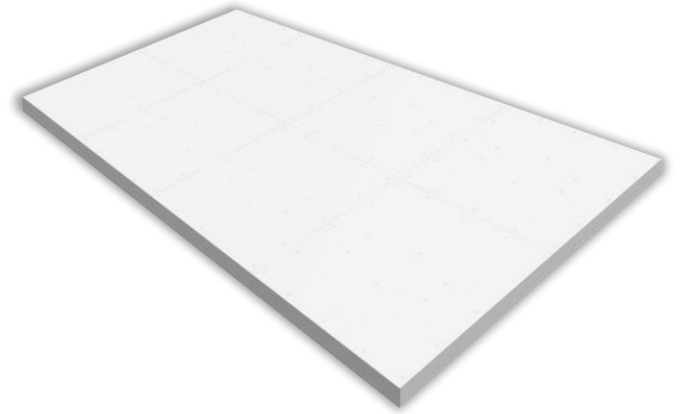
DESCRIPTION

The MBA-0249 is a low-profile, single-port antenna suitable for applications between 1800 MHz to 2400 MHz.

This antenna is left-hand circularly-polarized with fixed beam width of 5°x10°. It has been qualified for airborne intelligence, surveillance, and reconnaissance (ISR) applications.

Applications include multi-band communications.

The MBA-0241 is the 10°x10° single-panel version of the MBA-0249, which features two separate panels.



5°x10° Narrow Beam Array

SPECIFICATIONS

ELECTRICAL

Frequency Band	1800 MHz to 2400 MHz
VSWR	≤ 2.2
Polarization	Left-Hand Circular
Gain	≥ +17 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	35.5 lbs (16.1 kg)
Dimensions	58" L x 25" W x 1" H (147.2 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-0249-B
Tan 686A Color	MBA-0249-T
Green 383 Color	MBA-0249-G