

MBA-0259

LS Band Antenna Array

DESCRIPTION

The MBA-0259 is a compact, low-profile, high-band, single-port antenna suitable for applications between 1,700 MHz to 2,200 MHz.

This antenna is circularly-polarized with a half power beamwidth of 45°. It has been qualified for airborne intelligence, surveillance, and reconnaissance (ISR) applications.



LS Band Antenna Array

SPECIFICATIONS

ELECTRICAL

Frequency Band	1,700 MHz to 2,200 MHz
VSWR	2:1
Polarization	Left-Hand Circular
Gain	10 dB (nominal)
Half-Power Beamwidth	45° (nominal)
Impedance	50 Ω
Power	20 Watts
Ground Plane	Ground Plane Independent
Connector	Type N Female

MECHANICAL

Weight	\leq 2 lbs (0.9 kg)
Dimensions	7.3" L x 7.3" W x 1" H (18.5 cm L x 18.5 cm W x 2.5 cm H)
Mounting	Available Upon Request
Finish (Default)	FED-STD-595 37030 (Black)

MODEL NUMBERS

Left Hand Circular	MBA-0259
Right Hand Circular	MBA-0259R

Additional colors available upon request