

# MBA-0153

## Dual-Band UHF Patch Antenna



### DESCRIPTION

The MBA-0153 is a compact, low-profile, single-port antenna covering multiple bands from 800 MHz to 1000 MHz and 1700 to 2000 MHz.

Applications include multi-band communications and signal intelligence (SIGINT).

*This item is exclusively available through our distributors.*



*Dual-Band UHF Patch Antenna*

### SPECIFICATIONS

#### ELECTRICAL

Frequency Bands	800 MHz to 1000 MHz 1700 MHz to 2000 MHz
VSWR	< 2.5 : 1
Polarization	Right-Hand Circular
Gain	+2 dBiC to +4 dBiC
Power	20+ Watts CW
Ground Plane	Ground Plane Independent
Connector	TNC Female

#### ENVIRONMENTAL

Shock	RTCA/DO-160F, Section 7, Cat A
Vibration	RTCA/DO-160F, Section 8, Cat S
Operational Temp	-67°F to +185°F (-55°C to +85°C)

#### MECHANICAL

Weight	15 oz (0.42 kg)
Dimensions	9.96" L x 5.46" W x 1.1" H (25.3 cm L x 13.87 cm W x 2.8 cm H)
Finish (Default)	FED-STD-595 37030 (Black)

#### MODEL NUMBERS

White Color	MBA-0153-W
Tan 686A Color	MBA-0153-T
Green 383 Color	MBA-0153-G
Aircraft Gray	MBA-0153-AG