

# LBC-0718

## Broadband Antenna



*Broadband Antenna*

### DESCRIPTION

The LBC-0718 is a broadband antenna that operates within frequencies between 0.7 to 18 GHz.

The vertically-polarized antenna provides medium gain, and omni coverage.

Applications include signal intelligence (SIGINT), signal monitoring, and multi-band communication.

### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	0.7 GHz to 18 GHz
VSWR	< 3.5 : 1 (< 1000 MHz) < 2.5 : 1 (> 1000 MHz)
Polarization	Vertical, Linear
Gain	+2 dBi Nominal
Power	50 Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N

#### ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-67°F to +160°F (-55°C to +71°C)

#### MECHANICAL

Weight	2 lbs (0.91 kg)
Dimensions	6 " Dia. x 4.19" H (15.24 cm Dia. x 10.64 cm H)
Mounting	Available Upon Request
Finish (Default)	F63W12 White Polyurethane Enamel

#### MODEL NUMBERS

Tan Color	LBC-0718-T
Black Color	LBC-0718-B