

LBC-0718

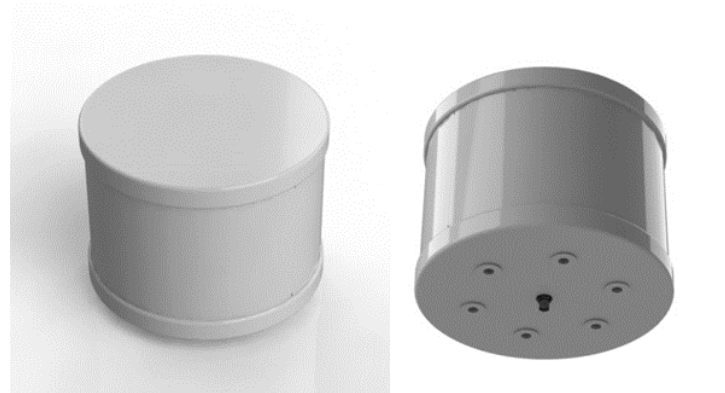
Broadband Antenna

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.



Broadband Antenna

SPECIFICATIONS

ELECTRICAL

Frequency Band	0.7 GHz to 18 GHz
VSWR	< 3.5 : 1 at 0.7 to 0.8 GHz
	< 2.6 : 1 at 0.8 to 1.1 GHz
	< 2.1 : 1 at 1.1 to 18 GHz
Polarization	Vertical, Linear
Gain	+2 dBi Nominal
Power	50 Watts CW
Ground Plane	Ground Plane Independent
Connector	SMA Jack (Others Upon Request)

MECHANICAL

Weight	17.6 oz (0.5 kg)
Dimensions	6.29" Dia. x 4.72" H (16 cm Dia. x 12 cm H)
Mounting	Available Upon Request
Finish (Default)	F63W12 White Polyurethane Enamel

ENVIRONMENTAL

Shock	MILSTD 810F, 20G
Vibration	RTCA/DO-160
Operational Temp.	-40°F to +185°F (-40°C to +85°C)