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.

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
- **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)