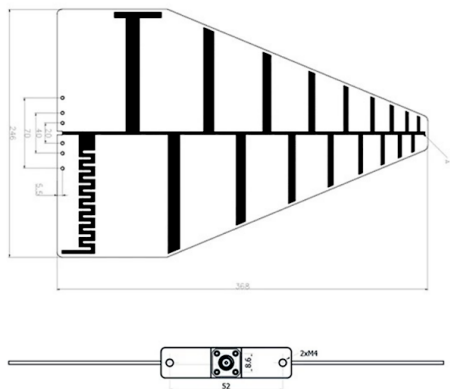


## 380MHz GHz to 2.5GHz Ultra-Wide band 6 dBi Gain Log-periodic Antenna

P/N: LOG380M-2500M



Dimensions are in mm



### Product Configuration

|                           |              |
|---------------------------|--------------|
| Connector Series          | SMA          |
| Connector Polarity        | Standard     |
| Connector Gender          | Female       |
| Connector Impedance (Ohm) | 50           |
| Antenna Type              | Log Periodic |

### Mechanical Data

|                 |        |
|-----------------|--------|
| Body Material   | FR4    |
| Colour          | Silver |
| Radome Material | None   |

### Electrical Specifications

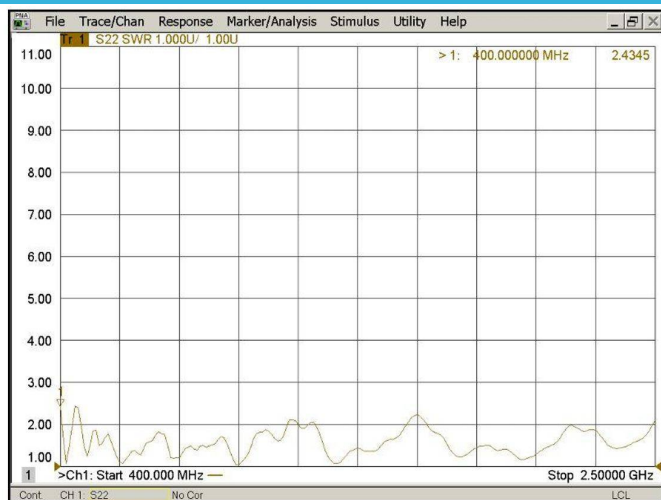
|                           |             |
|---------------------------|-------------|
| Power, Max Input (Watts)  | 20          |
| Return Loss or VSWR Input | 2.0         |
| Directionality            | Directional |
| Polarization              | Linear      |
| Number of Bands           | Single      |

### Enviromental Specifications

|                             |                  |
|-----------------------------|------------------|
| RoHS Compliant              | Yes              |
| Operating Temperature Range | -40 °C to +80 °C |

## 380MHz GHz to 2.5GHz Ultra-Wide band 6 dBi Gain Log-periodic Antenna P/N: LOG380M-2500M

### VSWR Test Figure



### Bandwidth & Gain Table

| Frequency (GHz) | Gain (dBi) | Beamwidth ° |     |
|-----------------|------------|-------------|-----|
|                 |            | E           | H   |
| 0.38            | 4.8        | 95          | 125 |
| 1               | 5.8        | 90          | 120 |
| 2               | 6.3        | 65          | 115 |
| 2.5             | 6.0        | 73          | 110 |