

2.4 GHz – 2.5 GHz Dipole 2dBi Antenna for Reverse Polarity SMA



ORDERING INFORMATION

Order Number	Description
001-0001	2.4 GHz Dipole Antenna for Reverse Polarity SMA Connector.
080-0001	U.FL to Reverse Polarity SMA Cable, 105mm

Table 1 Orderable Part Numbers

SPECIFICATIONS

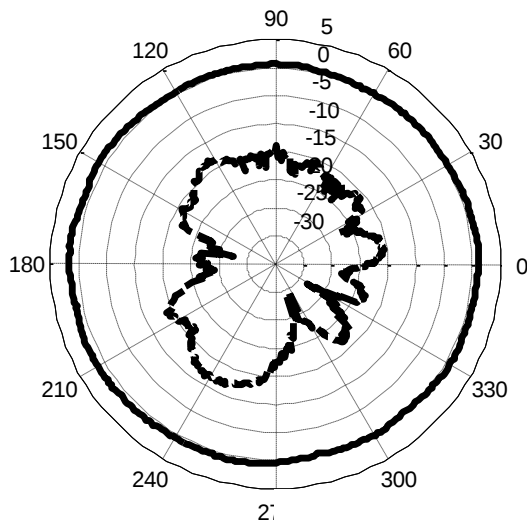
Specification	Value
Peak Gain	+2 dBi
Impedance	50 ohms, Nominal
Type	Dipole
Polarization	Linear Vertical
VSWR	≤2.5 : 1, Maximum
Frequency	2400-2500MHz
Weight	13g
Size	105×10 mm
Antenna Color	Black
Operating Temp	-20°C to +65°C
UL Rating	UL 94HB

Table 2 Specifications

The information in this document is subject to change without notice.
Confirm the data is current by downloading the latest revision from www.lsr.com.

TYPICAL ANTENNA RADIATION PERFORMANCE

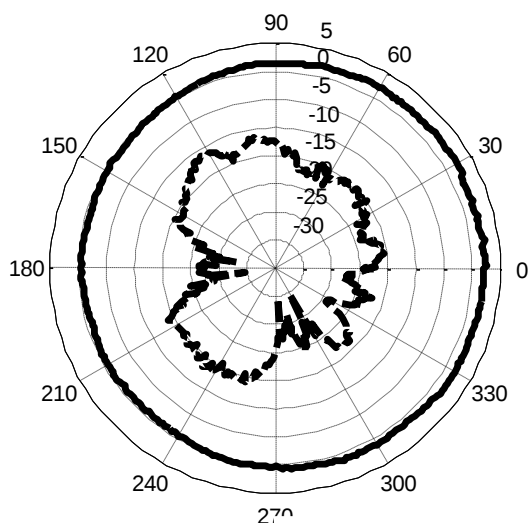
LSR ANTENNA STRAIGHT 2405 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -29.7 max: -11.2 avg: -17.7

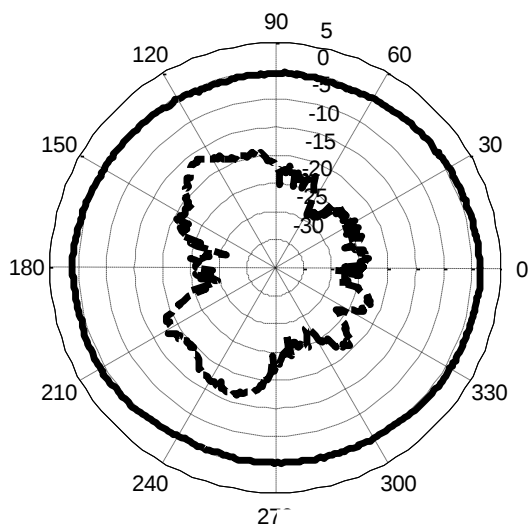
LSR ANTENNA STRAIGHT 2440 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -29.8 max: -11.2 avg: -17.3

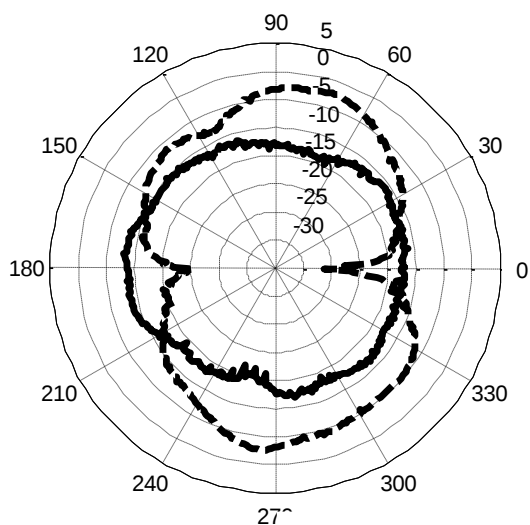
LSR ANTENNA STRAIGHT 2480 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -26.0 max: -11.1 avg: -17.7

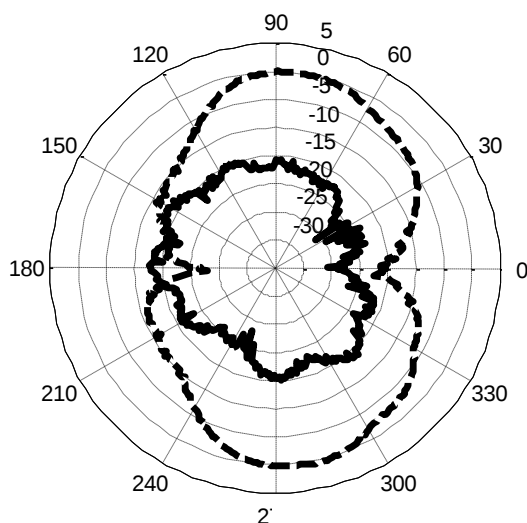
LSR ANTENNA BENT 2405 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -26.2 max: -2.1 avg: -8.6

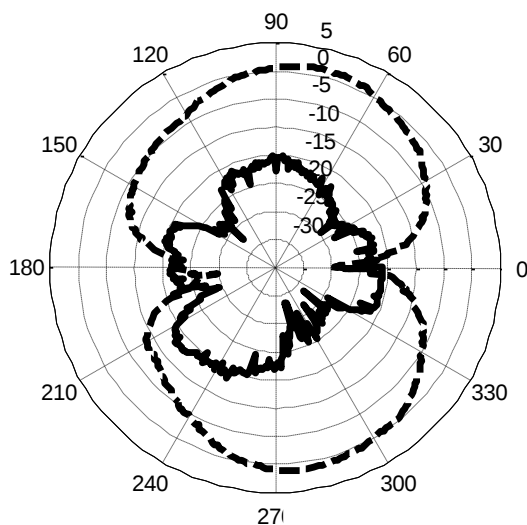
LSR ANTENNA BENT 2440 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -22.8 max: +0.6 avg: -7.1

LSR ANTENNA BENT 2480 MHz



____ Vertical Polarization Gain (dBi)

----- Horizontal Polarization Gain (dBi) min: -24.7 max: +1.4 avg: -5.7