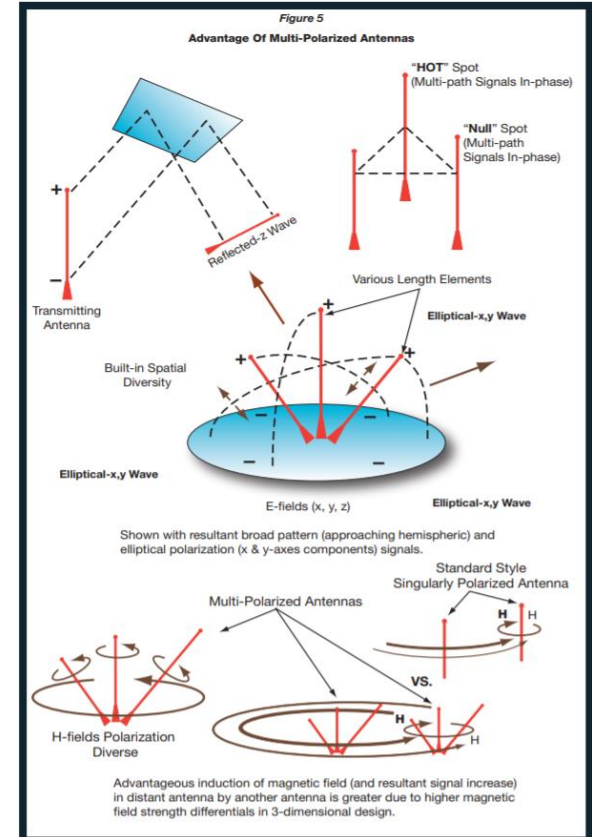


MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

- Antennas designed to cover 1625-2500 MHz, focusing on the M1-M6 bands
- Multi-polarization technology improves signal reliability as the vehicle rapidly banks and rolls in space



MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

FLYER



ELECTRICAL DATA

Frequency Range 1625-2500 MHz

Peak Gain See graphs

VSWR < 1.8:1

Horizontal Beamwidth 360 Degrees

GENERAL DATA

Colour Black

Pigtail RG402

Connector Type SMA Male

Polarization Multi-polarized

Power 50 Watts Input

Impedance 50 ohms nominal

Construction ABS/6061 ALU

MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

FLYER



MECHANICAL DATA

Length	138 mm
Diameter	29 mm
Mounting Type	Connector
Weight	24 g

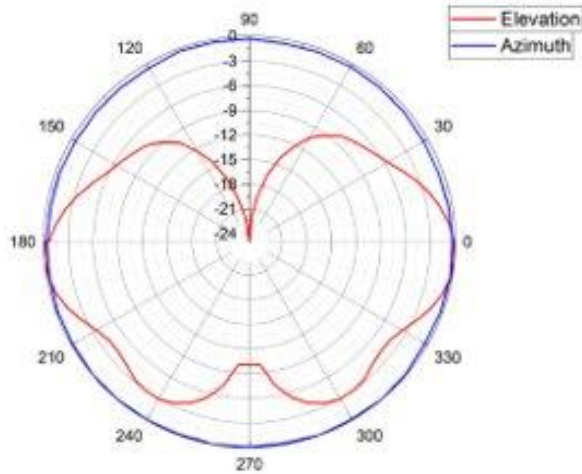
ENVIRONMENTAL DATA

Environmental Condition	Indoor/Outdoor
Operation Temperature	-40°C to +85 °C
Storage temperature	-40°C to +85 °C
Transport temperature	-40°C to +85 °C
IP Rating	IP67

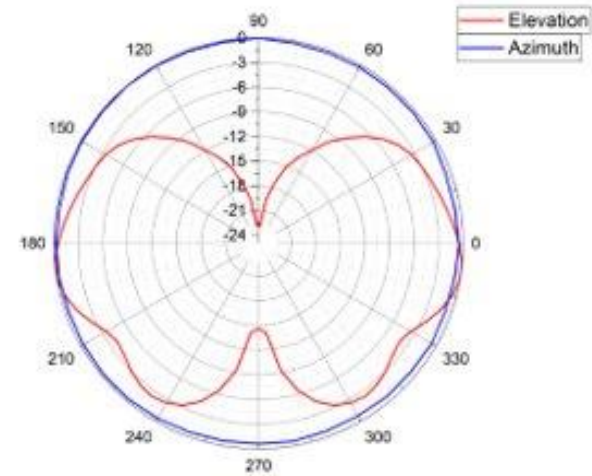
MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

Frequency: 1815 MHz
Peak Gain: 3.5 dBi



Frequency: 2050 MHz
Peak Gain: 3 dBi

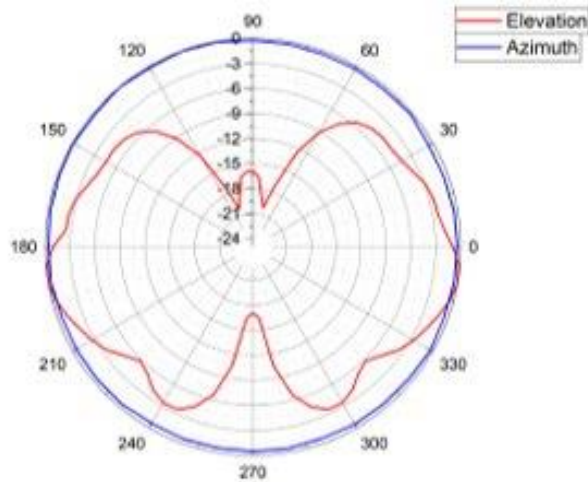


MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

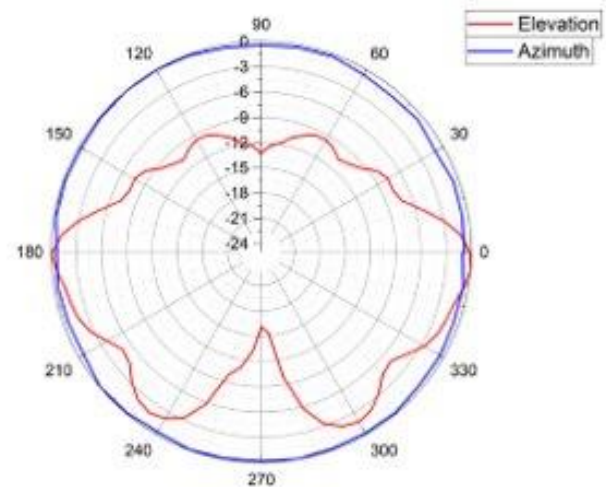
Frequency: 2450 MHz

Peak Gain: 4 dBi



Frequency: 2350 MHz

Peak Gain: 2.5 dBi

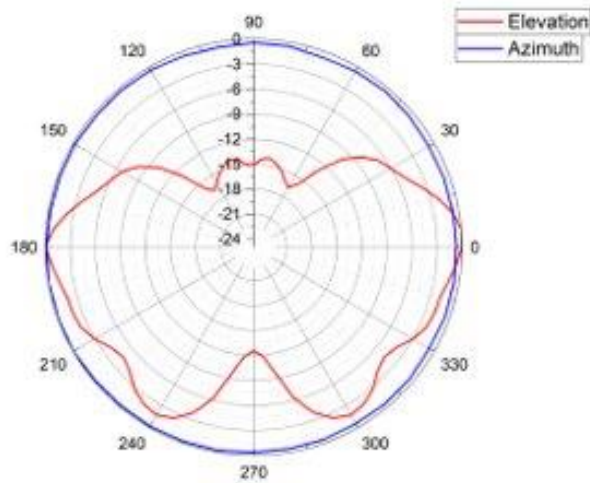


MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

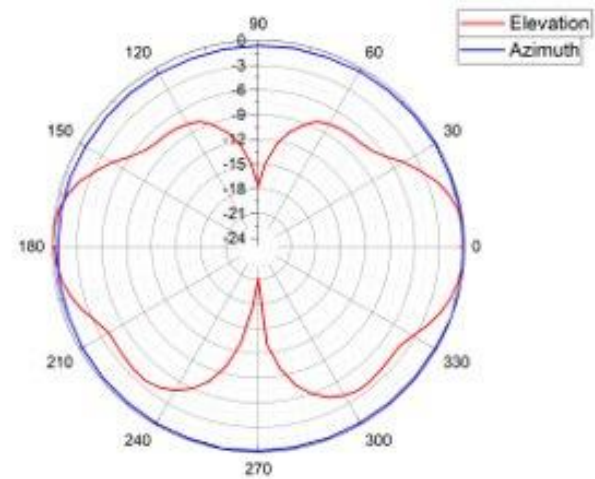
Frequency: 2250 MHz

Peak Gain: 2.5 dBi



Frequency: 1675 MHz

Peak Gain: 2 dBi



MULTI-POLARIZED ANTENNAS DESIGNED FOR HELIX

ANT-2025-3-O

Dimension are in mm

