

TOPOLINO 625iSMA

IRIDIUM BAND RIGHT HAND CIRCULAR POLARIZED DIPOLE



APPLICATIONS IRIDIUM VOICE AND SHORT BURST DATA (SBD)

- KEY FEATURES**
- ▶ NO NEED FOR GROUND PLANE
 - ▶ IP67 PROTECTION
 - ▶ CIRCULAR POLARIZATION FOR HIGH EFFICIENCY
 - ▶ REDUCED HEIGHT
 - ▶ OMNIDIRECTIONAL PATTERN
 - ▶ EXCELLENT AXIAL RATIO AT LOW ELEVATION

ANTENNA SPECIFICATIONS (IRIDIUM)

PARAMETER/FREQUENCY BAND	1616-1626 M HZ
GAIN (dBIC) (*)	0
VSWR (*) TYPICAL VALUE	<2
IMP (OHM)	50
POLARIZATION	RHCP
AXIAL RATIO (dB) (**)	<3

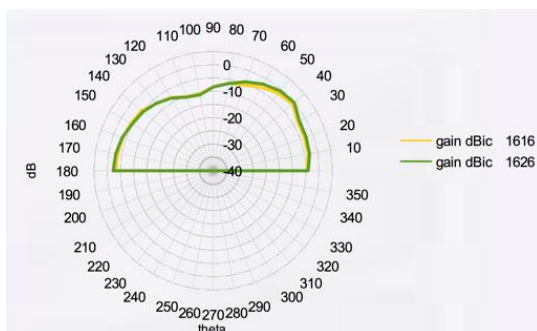
(*) MEASURED WITH NO GROUND PLANE

(**) ON AZIMUTHAL PLANE

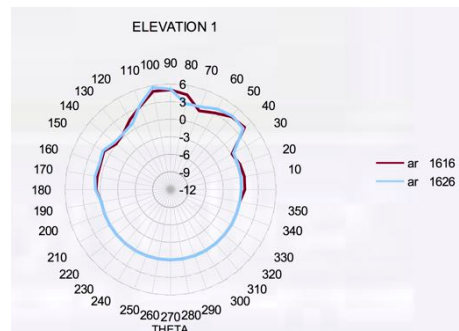
DIMENSIONAL DATA

DIMENSIONS	18MM x 48MM
CONNECTOR TYPE	SMA MALE
TEMPERATURE RANGE	-30/80°C

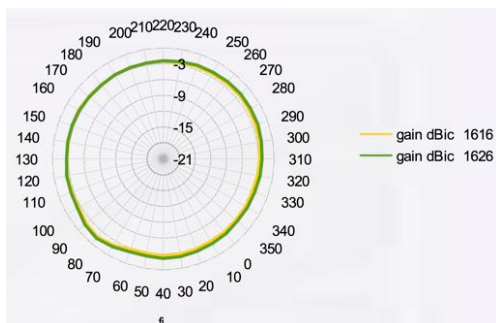
GAIN ELEVATION



AXEL RATIO



GAIN AZIMUTHAL



AXEL RATIO AZIMUTHAL

