

## TOPOLINO 621M10

IRIDIUM BAND RIGHT HAND CIRCULAR POLARIZED DIPOLE

**APPLICATIONS** IRIIDIUM 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
  - ▶ M10 THREAD



### 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

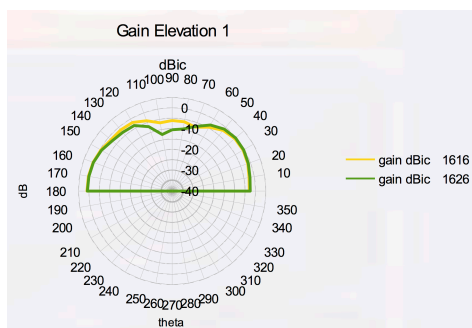
### DIMENSIONAL DATA

DIMENSIONS	18MM x 27MM
CONNECTOR TYPE	SMA OR UFL
CABLE TYPE	RG178 - MICROCOAXIAL/RG 174
CABLE LENGTH	15MM STANDARD/BESPOKE AVAILABLE
TEMPERATURE RANGE	-60/105 °C

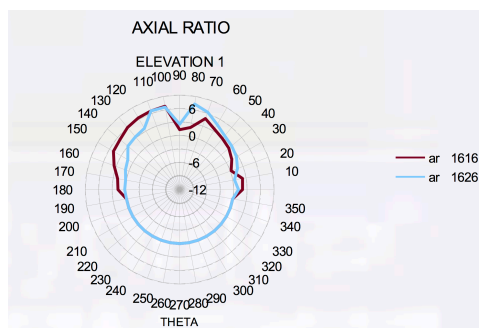
(\*) MEASURED WITH NO GROUND PLANE

(\*\*) ON AZIMUTHAL PLANE

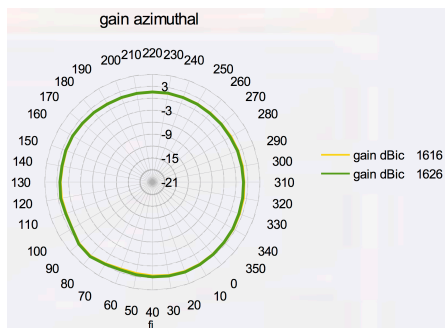
GAIN ELEVATION



AXIAL RATIO



GAIN AZIMUTHAL



AXIAL RATIO AZIMUTHAL

