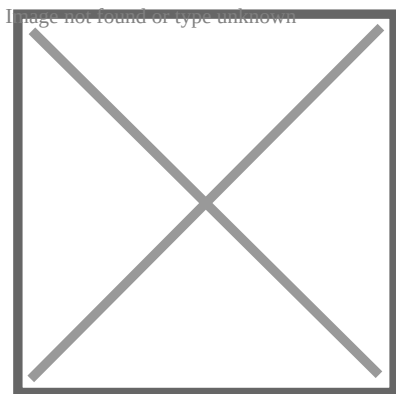




Iridium Ground Plane Independent IP67 IP69K IK09 Antenna

Description

When Signal Strength, Speed and Quality Matters The Most

The IRIDIUM Screw Mount Dome Antenna (2J6726B) offers the most reliable global connectivity for Iridium standards and brings an optimal signal quality within 1616 MHz -1627 MHz frequencies. With full access to the Iridium Satellite Constellation, the 2J6726B brings true global M2M connectivity with maximum signal strength, speed and quality.

The 2J6726B is the ideal solution for worldwide satellite voice and data communication in commercial, residential, emergency and transportation markets. The hemispherical radiation pattern provides a full range signal strength and signal quality. With a peak gain of ~4.5 dBiC and ~76% efficiency, this antenna is right hand circularly polarized (RHCP) rejecting multi-path interference and optimizing signal strength. With a standard SMA-Male connector, 300 cm cable length and LMR100 cable type, the 2J6726B can be fully customized by offering a wide range of alternative connectors, cable lengths and cable types.

Suggested Applications- Commercial / Residential- Emergency Communications- Voice and Data
Satellite Communications- Transportation- Asset Tracking
Installation / Environmental

The dome style housing is available with ABS or ASA material, the highest quality production-grade thermoplastic, offering durability and protection in extreme environments withstanding temperatures between -40C and 80C. This antenna reaches its maximum gain when installed in an open external area facing the sky – which is critical for high-performance applications. With low-profile dome dimensions (? 77.3 x 36.5 mm) and ground plane independence, this compact and efficient screw mount antenna can be easily installed. This product is manufactured with RoHS compliance, IP67, IP69K, IK09 and Iridium certification.

Standards IRIDIUM

Frequency 1616-1627

VSWR ~1.2:1

Efficiency (%) ~76

Passive Gain (dBiC) ~4.5

Impedance (Ohm) 50

Axial Ratio (dB) 3 max

Radiation Pattern Hemispherical

Polarization RHCP

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nick