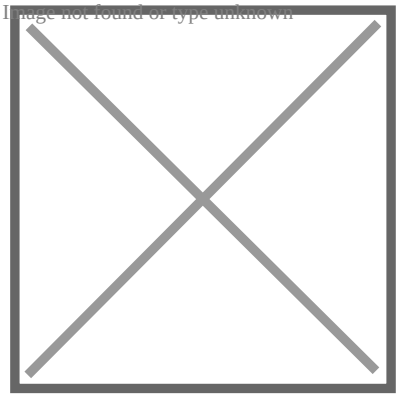

Falcon Iridium Low Profile Screw Mount Iridium Certified Antenna

Description

A Remarkable Low Profile Antenna Solution Designed For Next-Generation Communication
The Falcon Iridium Low Profile Screw Mount Antenna (2J6026B) is uniquely designed and developed to allow compatibility and optimal signal quality within 1616 MHz – 1627 MHz frequency spectrum. With full access to the Iridium Satellite constellation, the 2J6026B brings true global M2M connectivity with maximum signal strength, speed, and accuracy.
The 2J6026B high-performance antenna is the ideal solution for worldwide satellite devices such as voice and data communication in commercial, residential, emergency transportation markets, environmental monitoring, waste management, fleet tracking, and other multitudes of tracking and data control systems. This solution combines the advantages of low profile, low cost for massive deployment operations.
The hemispherical radiation pattern provides a full range signal strength and signal quality. With a peak gain of ~3.5 dBiC and ~70% efficiency, this antenna is right hand circularly polarized (RHCP) rejecting multi-path interference and optimizing signal strength.
Suggested applications include:- Commercial/ Residential- Emergency Communications- Voice & Data Satellite Communications- Transportation- Asset Tracking
Installation / Environmental
The outstanding feature of this antenna is that it has a sleek and compact design with a maximum height of 14.7 mm.
The ABS housing material offers durability and protection in extreme environments withstanding temperatures between -40C and 85C. With low-profile dimensions (80 x 74 x 14.7 mm) and ground plane independence, this product is manufactured with RoHS compliance.
This package is fully customizable with variable cable lengths and connector types. Several installation options are available such as adhesive, magnetic and screw mount.

Standards IRIDIUM
Frequency 1616-1627
VSWR ~1.4:1
Efficiency (%) ~70
Passive Gain (dBiC) ~3.5
Impedance (Ohm) 50
Axial Ratio (dB) 3 max

Radiation Pattern Hemispherical
Polarization RHCP

Date Created
June 13, 2022
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