CTM-1600-TF Iridium satellite antenna

Protection mode:

Type of protection: II2G Ex d IIB T5
Classe of temperature: T5
Ambient Temperatrure: -40°/+85°C
Zone : 1-2

Description:

The CTM-Series of antennas are designed for use in “Hazardous-Classified” and Industrial-Hardened applications. The antennas are omni-directional with 2.8 dBic gain and designed for flexible mounting with an **M20 thread***. The mounting base is made of heavy nickel-plated brass with an integrated TNC coaxial connector for ease of installation. The radome is optimized for rugged industrial applications while maintaining maximum radio frequency transmission and reception efficiency.

3/4” NPT thread on request

Technicals data:

- 1600 MHz (Iridium Satellite 1616MHz to 1626MHz)
- UL listed & ATEX, IECEx certified
- Internal seal fitting
- TNC connector
- Mounting: 20mm (M20) thread
- Rugged Nickel Plated Brass mounting base

Applications for:

- Hazardous tank level monitoring
- Offshore platforms
- Chemical processing
- Power plants
- Utility systems where explosive gases may be present
- Wireless bridges
- Hazardous area computers
- Patented design

Typical installation

c UL us LISTED

Class 1, Div 1, Zone1 Groups, C & D

CE *ATEX ZONE 1*

ATEX SYSTEM 87 Place Drouet d’Erlon 51100 REIMS – FRANCE Tel : +33 (0)326 35 21 52 Fax : +33 (0)326 35 21 55
Site web: http:/www.atex-system.com E-mail: atex@atex-system.com

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Specifications

1600 MHz (Iridium Satellite 1616MHz to 1626MHz)
Impedance: 50Ω
VSWR: 1.5 (max)
Polarisation: RHCP
Gain: 2.8 dBic
Maximum power: 2 Watts
Connector type: TNC female
Mounting base: 3/4" NPT
Impact rating: 7 joules
Weight: 1.06 lbs., 0.48 kg
Maximum length including TNC connector: 5.85", 148.6mm, Max. diameter 2.02", 51.3mm

Ordering Information

Part Number	Frequency
CTM-1600-TF	1600 MHz (Iridium Satellite 1616MHz to 1626MHz)

**Utilization of frequencies ranges according to legislation of country where it be used.*