



CTM-2402-TR / CTM-5000-TF Wi-Fi dual band explosion-proof antenna 2W

Protection mode:

Type of protection: II 2G Ex d IIB T5
Classe of temperature: T5
Ambient Temperature: -40° à +85°C
Zones : 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 2.0 dBi 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.

**1/2” NPT thread on request*



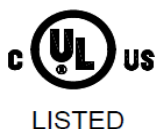
Technicals data:

- 2.4 GHz & 5.0 GHz, 802.11a,b,g, Wi-Fi
- UL listed & ATEX certified
- Internal seal fitting
- Custom frequencies available
- 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
- Wireless Ethernet
- Hazardous area computers

Typical installation



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





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Specifications

Impedance: 50 Ω

Gain: 2.0 dBi

Maximum power: 2 Watts

Connector type CTM-2402-TR RPTNC female

Connector type CTM-5000-TF TNC female

Mounting base: 20mm (M20)

7 joule impact rating

Weight: 1.06 lbs., 0.48 kg

Maximum length including TNC connector: 5.85", 148.6mm

Ordering Information

Part Number	Frequency
CTM-2402-TR	2.4 GHz/5GHz dual band
CTM-5000-TF	5.0 GHz

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



CTM-SERIES

← **RUGGED INDUSTRIAL RADOME**

← **INTEGRAL FLAMEPROOF SEAL**

← **M20 THREAD**

← **TNC CONNECTOR**