



RTFI257CTM401 ATEX Antenna 450-470MHz Lighting arrestor TNC Plug to TNC Bulkhead Jack 0-6 GHZ

Mode of protection:

Type of protection: II 2G Ex d IIB
Class of temperature: T6
Ambiant temp: -20/+40°C
Zones: 1-2

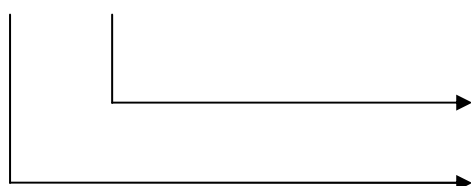
Description:

ATEX antenna 450-470MHz for gas zones (1 & 2). Lightweight and compact, **body in stainless steel AISI316L**, antenna in nickel plated brass. Maximum power output dissipated 2W. Unarmoured cable gland M20 kit in **stainless steel AISI316L** (seals 5.5/8 - 8/10.5 - 10.5/13mm). TNC female connector. Hazardous tank level monitoring, offshore platforms, chemical processing, power plants...



References:

RTFI257 CTM401 – 0



Length of cable

0 : without cable
5 : 5 meters of cable
10 : 10 meters of cable
Other length on request

Antenna

450MHz to 470MHz

Enclosure model

RTFI257

References:

RTFI257CTM401 450MHz to 470MHz

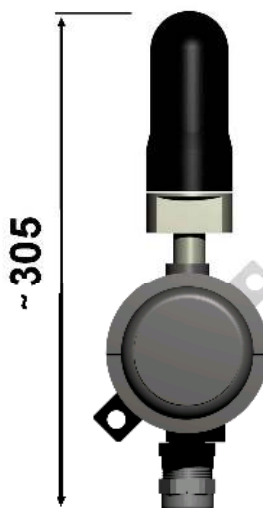
Other models on request:

RTFI257CTM800 Dual band 824-896 MHz & 1850-1990 MHz
RTFI257CTM801 Dual band 801-940 MHz & 1901-2000 MHz
RTFI257CTM900 902-928MHz
RTFI257CTM5000 5.0 GHz
RTFI257CTM2400 2.4GHz
RTFI257CTM1500 1,575.42MHz

Antenna technicals data :

Bandwidth: 450 MHz to 470 MHz
Impedance: 50 Ω
Gain: 0.0 dBi
Maximum power: 2 Watts
Connector type: 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

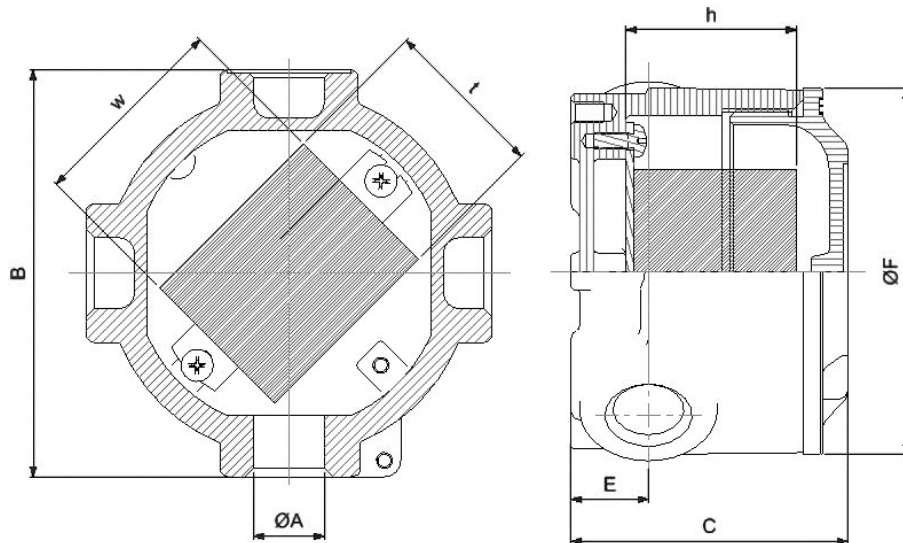
Approx height (mm):





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Drawing:



Enclosure dimensions	øA	Dimensions externe (mm)					Dimensions interne (mm)			Volume elec. (dm ³)	Poids (kg)
		External dimensions (mm)					Internal dimensions (mm)				Weight (kg)
		B	C	D	E	F	h	W	t		
RTFI257CTM401	M20	126	82	11	24	112	50	65	45	0.146	2.20



Fixation	Dimensions (mm)						Poids (kg)
Bracket	A	B	C	D	E	F	Weight (kg)
KF7S	142	18	3	6.5	10	124	57

Example with furniture cable





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Lighting arrester



Specifications	
Model	TW-LP-TNC-P-BHJ
Frequency Range	DC 0-6 GHz
Insertion Loss	.01dB/1GHz, .02dB/2GHz, .04dB/3GHz, .05dB/5GHz, 0.6dB/6GHz
VSWR	DC~6 GHz <1.5
Impedance	50 Ω
Connector	TNC Plug To TNC Bulkhead Jack
Operating Temperature Range	-86°F to 185°F
Dimensions	(L x W x H) 0.9" x 2.4" x 1.2"
Insulation Resistance	DC 100V More Than 50 MΩ
DC Discharge Voltage	90 V
Initial Impulse Wave Discharge Voltage	Less Than 700 V (1KV/μs)
Rated Impulse Wave Discharge	20 KA (Wave 8/20 μs) 10 Times (5 Times Each Polarity)
Weight	0.28 lbs
Ground Connection	By Feedthrough or Screw Terminal
Recommended AWG	18 AWG ground wire

