

TC Installations

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ATEX/IECEX 458.5MHz Omni Directional LAN BASE ANTENNA

European ATEX Directive 94/9/EC Annex II, 1.0.6.)
Certificate Number Sira **09ATEX3251X**
& **SIR 10.0026X**



Part Numbers:
TCATEX458

Technical Specifications

Centre Frequency	458.5 MHz
Bandwidth	± 3 MHz
Impedance	50 Ω
VSWR	< 1.5:1
Connector	Customer Specified
Radiating Element	Brass Tubing + Helical
Length	330 mm
Diameter	38 mm maximum
Weight	510gms (without cable) 3.5kg with 30 metres
Cable Type	LMR400 FR
Cable length	Specified by Customer

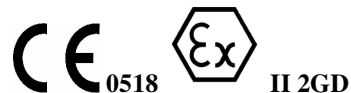
Mechanical

Length	330 mm
Diameter	38 mm max.
Weight	510 gms (without cable) (3.5Kg with 30metreLMR400 FR)

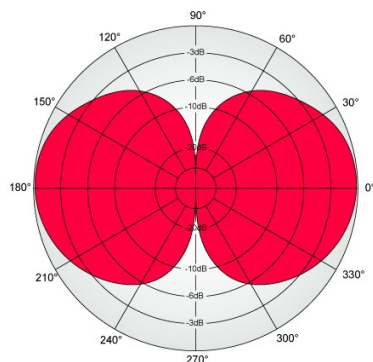
Material PTFE Colour White
2002/95/EC (RoHS) compliant
Operating temperature range - 40°C to + 60°C
Storage temperature range - 40°C to + 60°C
The ATEX/IECEX certification marking are as follows:

Ex e IIC T6 Gb
Ex t IIIC T85°C Db IP66
(Ta = -40°C to 60°C)

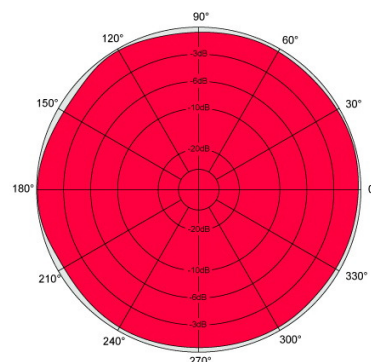
And for ATEX certified equipment only:



Supplied with spare connector & Mast Mount Bracket.



Radiation Pattern E-Plane



Radiation Pattern H-Plane