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Providing more 4 wireless

2.4 / 5GHz Dual Band Hazardous Area ATEX/IECEX Antenna

Part Number: TCATEX110 5 Metre Lead

4.5 / 7 dbi Omnidirectional antenna designed to operate with all enterprise class 802.11 access points. This aesthetically pleasing antenna will support demanding ATEX/IECEX applications in next generation IEEE 802.11 wireless communication systems. Includes an L shaped bracket for easy installation.

European ATEX Directive 94/9/EC Annex II, 1.0.6.) Certificate Number SIRA 09ATEX3251X and IECEx SIR 10.0026X

Specification:

Electrical	
Frequency	2400 – 2500MHz / 5150 - 5875MHz
Bandwidth	100 MHz / 700MHz
Impedance	50 Ω
VSWR	<2:1
Gain	+4.5 / 7dBi
Maximum Power	2w watts continuous
Connector	AS Required
Radiating Element	PCB
Horizontal	360°
Vertical	30/15°

Mechanical	
Length	210mm
Diameter	38 mm max.
Weight	365 gms
Tube material	PTFE
Colour	White
Base	PTFE
2002/95/EC (RoHS)	Compliant
Operating temperatures	- 30°C to + 60°C
Storage temperatures	- 30°C to + 60°C



The ATEX/IECEX certification marking are as follows:
Ex e IIC T6 Gb

Ex tb IIIC T85°C Db Ip66
(Ta = -40°C to 60°C)

And for ATEX certified equipment only:
Part Number: TCATEX110 (5 metre lead)

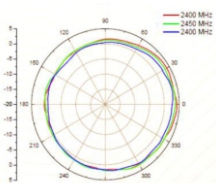


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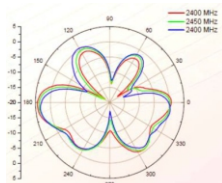


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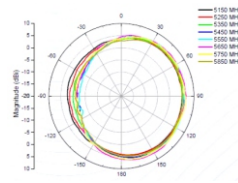
It is completely weatherproof and is therefore suitable for either inside or outside mounting.



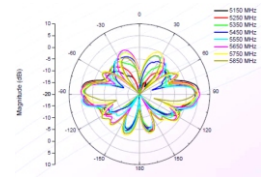
Horizontal 2.4Ghz



Vertical 2.4Ghz



Horizontal 5.0Ghz



Vertical 5.0Ghz

