

D2516 Antenna Specification

D2516 Antenna Series

Compliant with RoHS Directive

PN: D2516-ANT-V4.0

315-433MHz Band Antenna

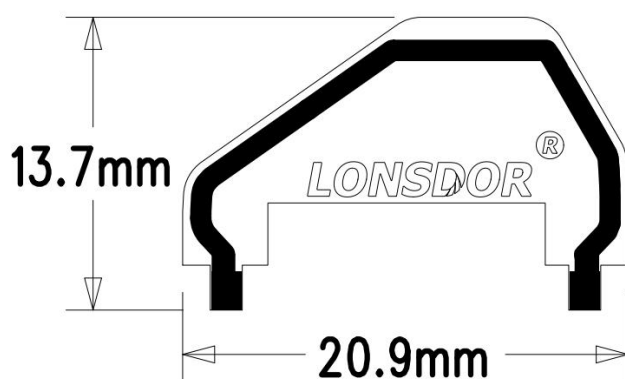
Shenzhen Lonsdor Technology Co., Ltd.
No.201-203,Block B3,FuhaiB3 Industrial Zone,Fuhai Ave,FuyongSt.,Bao'an,Shenzhen,China

Features

1. Compact D2516 board-mounted antenna with ultra-small dimensions of only 20.9×13.7×1.2 mm.
2. Low energy loss, and high antenna efficiency.
3. High stability under varying temperature and humidity conditions.

Applications

1. Apply to 315-434 MHz band.
2. TPMS programmers.

Antenna Structure and Dimensions Diagram

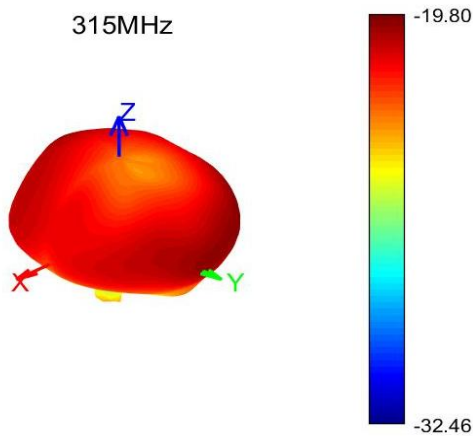
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Electrical characteristics

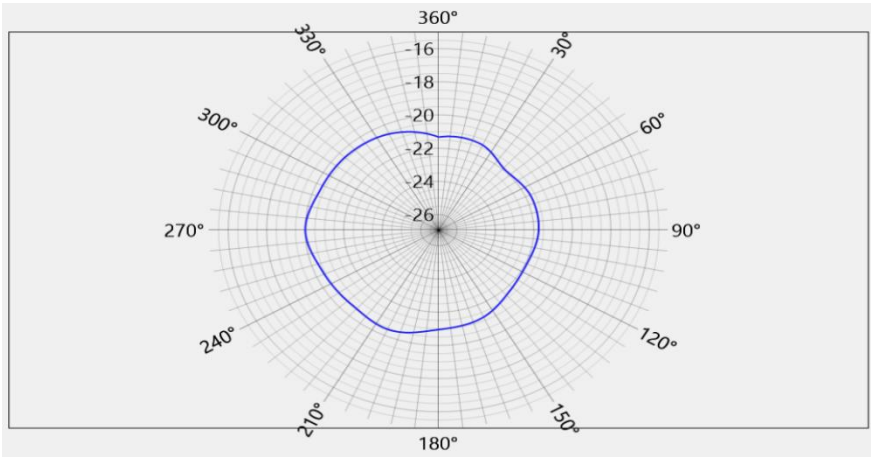
TTEM	ANT SPEC			
Model Name	315-434 ANT			
Center Frequency	Horizontal		Vertical	
	315MHz	433MHz	315MHz	433MHz
	-20.01	-13.32	-20.39	-12.25
MAX. Gain	-12.25dBi			
Polarization	Horizontal and Vertical			
Azimuth Beam Pattern	Omni-directional			
Impedance	50 Ohm			
Antenna Length	20.9 mm			
Manufacturer	Shenzhen Lonsdor Technology Co., Ltd.			

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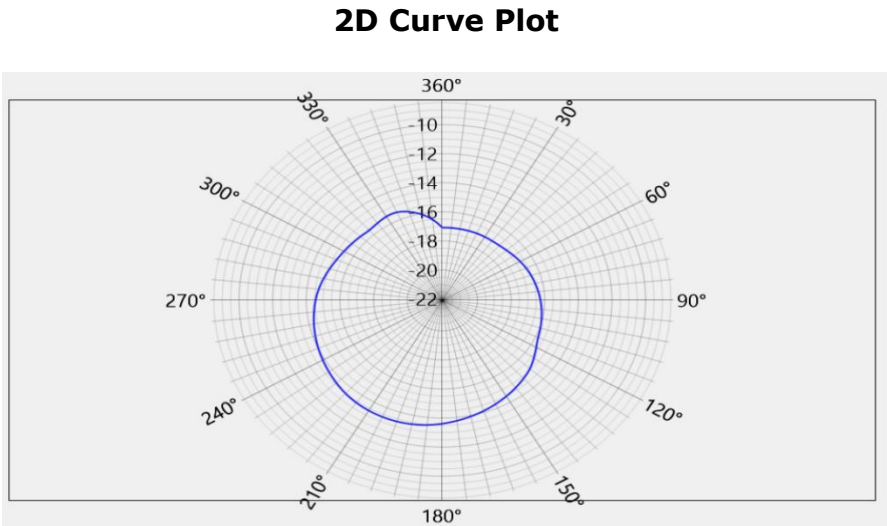
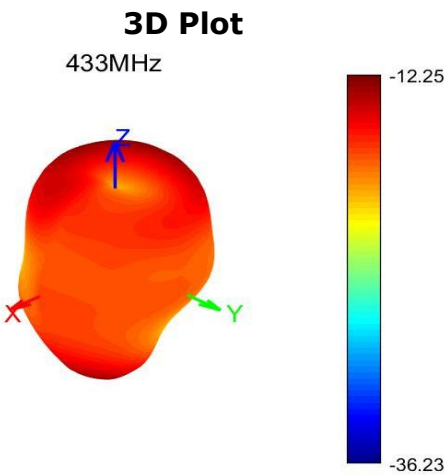
3D Plot



2D Curve Plot



Frequency [dB/Hz]	Gain (dB)		
	Max	Min	Avg
315	-20.01	-21.94	-20.01



Frequency [dB/Hz]	Gain (dB)		
	Max	Min	Avg
433	-13.32	-17.09	-15.19