

ANT-DB1-LP-RM-01-N

✓ ACTIVE

TE Internal #: ANT-DB1-LP-RM-01-N

Yagi Antenna, Multi Band, Cellular, External Mount, Pole/Mast /Bracket Mount, N-type, Directional, Single Port, Gain > 6 dBi

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Antennas



Wireless Application: **Cellular**

Mounting Location: **External**

Mounting Type: **Pole/Mast/Bracket Mount**

Frequency Category: **698 – 2700**

Antenna Type: **Yagi**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Yagi/Log Periodic
Mounting Location	External
Antenna Type	Yagi
Band Type	Multi Band
Port Configuration	Single Port

Electrical Characteristics

VSWR (Max)	<1.5:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	8.5 dB
Frequency Band	860 – 960 MHz
Frequency Category	698 – 2700
Peak Gain	> 6 dBi

Mechanical Attachment

Polarization	Linear
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Mounting Type

Pole/Mast/Bracket Mount

Dimensions

Cable Length	.16 m[.54 ft]
Product Width	210 mm[8.27 in]
Product Length	395 mm[15.55 in]
Product Height	36.5 mm[1.44 in]

Operation/Application

Directionality	Directional
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Industry Standards

Wireless Application	Cellular
Primary Application	Cellular

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability


Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling




based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.


Compatible Parts




TE Part # CONN001-W  
N Type Jack 50 Ohm PCB Through Hole




TE Part # CONN002-W  
N Type Jack 50 Ohm Panel Mount



TE Part # CONN003-W  
N Type Jack 50 Ohm Panel Mount




TE Part # CONN008-W  
N Type Plug 50 Ohm Panel Mount Crimp




TE Part # LP800-2500-9-NF  
Dir, Log Per, 18in, NF


Customers Also Bought




TE Part #2-1630186-2  
HSA50 5R0 5%




TE Part #2-1625984-1  
HSA50 1R0 1%




TE Part #31428  
TERMINAL, BUDG R 26-22 4




TE Part #1-2176337-8  
CRGCQ 0402 270R 1%




TE Part #3-2176326-7  
CRGP 0603 10K 1%



TE Part #34119  
TERMINAL, SOLIS R 16-14 4



TE Part #ARR-NF-NM-B-8  
Arrestor Hi-Freq Blkh N Jack to N Plug



TE Part #OC69271-FNF  
OMNI, DBAND, FIXED, NF 698-960MHz, 1.5dBi

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Documents

Product Drawings

Antenna Directional Tri-Band Hi-Gain N

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_ANT-DB1-LP-RM-01-N\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_ANT-DB1-LP-RM-01-N\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_ANT-DB1-LP-RM-01-N\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ANT-DB1-LP-RM-01-N

English