## ANT-DB1-WRT-MON-SMA - ACTIVE

TE Internal #: L9000168-01

Dome/Puck Antenna, Dual Band, Wi-Fi, External Mount, Panel,

SMA, Omnidirectional, Single Port, Gain 0 < 3 dBi

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#### Antennas



Wireless Application: Wi-Fi
Mounting Location: External

Mounting Type: Panel

Antenna Termination: SMA
Antenna Type: Dome/Puck

#### **Features**

#### **Product Type Features**

Antenna Product Type	Antenna
Antenna Termination	SMA

#### **Configuration Features**

Antenna Style	Dome
Mounting Location	External
Antenna Type	Dome/Puck
Band Type	Dual Band
Port Configuration	Single Port

#### **Electrical Characteristics**

VSWR (Max)	<2.1:1
Impedance	50 Ω

#### Signal Characteristics

Gain (Max)	1 dB
Frequency Band	2400 – 2485 MHz
Nominal Frequency Range	2400 – 2500
Peak Gain	0 < 3 dBi

#### Mechanical Attachment

Polarization			Linear		
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Mounting Type	Panel
Dimensions	
Cable Length	.21 m[.71 ft]
Product Width	19 mm[.75 in]
Product Length	26.8 mm[1.06 in]
Product Height	0 mm[0 in]
Operation/Application	
Antenna Environment	Outdoor
Directionality	Omnidirectional
Industry Standards	
Wireless Application	Wi-Fi
Primary Application	Wi-Fi

### **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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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











# Customers Also Bought



TE Part #6609116-4 10EHG1-2=F8225



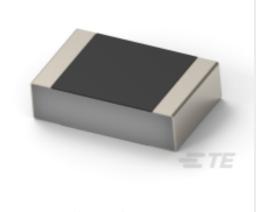
TE Part #1-84953-6 1MM FPC HORZ.TOP CONT.ASSY 16P



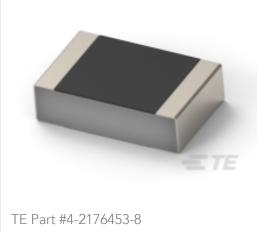
TE Part #2015699-1 RF CA,UMCC GEN1-GEN1,0.81MM CABLE,L100MM







TE Part #4-2176453-4 CPF 0201 16K2 0.1% 25ppm 1K RL



TE Part #4-2176453-8 CPF 0201 17K8 0.1% 25ppm 1K RL



RG174 SMA







#### **Documents**

#### **Product Drawings**

Antenna 2.45/5.8GHz WRT Monopole SMA

English

### Datasheets & Catalog Pages

Sub-6 Cellular LTE-5G NR Frequency Band Guide

English

Virtual Antenna

English

Microsplatch Ground Plane Optimization

English

Dual-Band WiFi External Panel-Mount Antenna

English