# ANT-2.4-FPC-LV100UF V ACTIVE

TE Internal #: L9000046-01

Flexible PCB (FPC) Antenna, Single Band, ISM / Bluetooth / Zigbee,

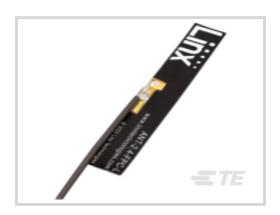
Internal/Embedded Mount, Adhesive, U.FL / UMCC / MHF1,

Omnidirectional, Single Port

View on TE.com >



#### Antennas



Wireless Application: Bluetooth, ISM, Zigbee
Mounting Location: Internal/Embedded

Mounting Type: Adhesive

Antenna Termination: MHF, MHF1, U.FL, UMCC

Antenna Type: Flexible PCB (FPC)

### **Features**

#### **Product Type Features**

Antenna Termination	MHF, MHF1, U.FL, UMCC
Configuration Features	
Mounting Location	Internal/Embedded
Antenna Type	Flexible PCB (FPC)
Band Type	Single Band
Port Configuration	Single Port
Signal Characteristics	
Nominal Frequency Range	350 – 520
Peak Gain	3 < 6 dBi
Mechanical Attachment	
Mounting Type	Adhesive
Operation/Application	
Directionality	Omnidirectional
Industry Standards	
Wireless Application	Bluetooth, ISM, Zigbee

Bluetooth, ISM, Zigbee

Primary Application



### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 #5569380-1 STK MJ,8POS,2X1,SHLD,CAT5



TE Part #2108610-5

1.4H SPRING FINGER WITH EMBOSS



TE Part #2007193-1
SFP+ 1x1 Cage Assembly, PCI, S



TE Part #2-1761679-1
IDC LOW PRO HDR 6P VERT BLUE



TE Part #2108613-5
2.4H SPRING FINGER WITH EMBOSS



TE Part #2329497-2 SPRING FINGER 1.15H



TE Part #2314844-6 6P,2MM,B-B,REC,DRVT,SMD,0.1AU, TB,W/CP





### **Documents**

**Product Drawings** 

Antenna 2.4 FPC LV 7x45 200 UFL

English

Datasheets & Catalog Pages

Rigid Embedded Dipole WiFi 6 Antenna

English