



TE Internal #: OF86315-FNF
Baton/Stick Antenna, Single Band, ISM / LoRaWAN, External
Mount, Pole/Mast/Bracket Mount, N-type, Omnidirectional, Single
Port, 3 < 6 dBi Peak Gain
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Antennas



Communication Protocol: **ISM, LoRaWAN**
Mounting Location: **External**
Mounting Type: **Pole/Mast/Bracket Mount**
Frequency Category: **901 – 941**
Antenna Type: **Baton/Stick**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Stick/Baton
Mounting Location	External
Antenna Type	Baton/Stick
Band Type	Single Band
Port Configuration	Single Port

Signal Characteristics

Frequency Band	863 – 876 MHz, 902 – 928 MHz
Gain (Max)	5.6 dB
Frequency Category	901 – 941
Peak Gain	3 < 6 dBi

Mechanical Attachment

Mounting Type	Pole/Mast/Bracket Mount
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Operation/Application

Antenna Environment	Outdoor
Directionality	Omnidirectional



Industry Standards

Communication Protocol	ISM, LoRaWAN
Primary Application	ISM, LoRaWAN

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	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # FM2
MOUNT,HD,2.5 MAST



TE Part # OF84005-FNF
OMNI,FG,840-868MHz ,5dBi,

Customers Also Bought



TE Part #MS580502BA01-50
MINIATURE DIGITAL PRESSURE
SENSOR



TE Part #DBA6171C3-BSMAM
DIPOLE,SMAM,SWIVEL,617-7125MHz,
OUTDOOR TE



TE Part #5052882016
RNF-100-3/64-9-STK



TE Part #FM2
MOUNT,HD,2.5 MAST



TE Part #FG24008
OMNI,FG,2400-2485MHz 2442.5MHz,
6dBd



TE Part #1-179554-3
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #2-1623928-7
CFR16 5% 47R



TE Part #1625960-3
HBA RE 10M 1% 100PPM



TE Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F



TE Part #1-1623708-0
RGP0207CH 5% 68M

Documents

Product Drawings

OMNI,FG,863-928MHz ,5dBi,

English

Datasheets & Catalog Pages

Omnidirectional Antenna 863-876 MHz / 902-928 MHz

English

Agency Approvals

UK Declaration of Conformity



English