

OC69421S-FNM

✓ ACTIVE

TE Internal #: L000158-01

Baton/Stick Antenna, Multi Band, Cellular, External Mount, Pole /Mast/Bracket Mount, N-type, Omnidirectional, Single Port, 3 < 6 dBi Peak Gain

[View on TE.com >](#)



Antennas



Antenna Type: **Baton/Stick**

Band Type: **Multi Band**

Primary Application: **Cellular**

Wireless Application: **Cellular**

Mounting Location: **External**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	< 2.0:1, <2.5:1

Signal Characteristics

Frequency Band	2300 – 2700 MHz, 698 – 806 MHz, 880 – 960 MHz, 1690 – 1880 MHz, 1910 – 2180 MHz
Gain (Max)	1.3 dB, 1.5 dB, 1.8 dB, 2.5 dB, 2.9 dB, 3.7 dB, 4 dB, 5 dB
Frequency Category	698 – 2700
Peak Gain	3 < 6 dBi



Body Features

Product Weight	156 g[5.5 oz]
----------------	---------------

Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Pole/Mast/Bracket Mount

Dimensions

Product Width	31.75 mm[1.25 in]
Product Height	248.9 mm[9.84 in]

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	Cellular
Directionality	Omnidirectional

Industry Standards

Primary Application	Cellular
Wireless Application	Cellular

Product Availability

Applicable Region	Global
-------------------	--------

Packaging Features

Packaging Method	Carton
------------------	--------

Other

Precision Level	Standard
-----------------	----------

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: JAN 2025 (247) Not Yet Reviewed
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 # L000320-03
OMNI,2x2 MIMO BATON,617-960 /1427-6000MHz

TE Part # OC69421-FNF
OMNI,DBAND,FIXED,NF 698-4200MHz,1.5dBi

TE Part # OC69421-FNM
OMNI,DBAND,FIXED,NM 698-4200MHz,1.5dBi

TE Part # L000320-02
OMNI,2x2 MIMO BATON,617-960 /1427-6000MHz

TE Part # WMB8
Mount,Wall,1.5in

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

TE Part # L000320-04
OMNI,2x2 MIMO BATON,617-960 /1427-6000MHz

TE Part # OC69271-FNM
LTE Omni Direct Mount 698-2700MHz 3.5dBi

TE Part # L000320-01
OMNI,2x2 MIMO BATON,617-960 /1427-6000MHz

Documents

Product Drawings



Omni,698-4200MHz,1.5/4/5 dBi,N-Male,IP67

English