OC69421-FNF ✔ ACTIVE

OC Series

TE Internal #: OC69421-FNF

Baton/Stick Antenna, Multi Band, Cellular, External Mount, Pole /Mast/Bracket Mount, N-type, Omnidirectional, Single Port, OC Series

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Antennas



Communication Protocol: **Cellular**

Mounting Location: **External**

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

Frequency Category: **698 – 2700**

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	Multi Band
Port Configuration	Single Port

Signal Characteristics

Frequency Band	698 – 960 MHz, 1710 – 1990 MHz, 1920 – 2170 MHz, 2100 – 2500 MHz, 2500 – 2690 MHz, 3300 – 4200 MHz
Gain (Max)	5 dB
Frequency Category	698 – 2700
Peak Gain	3 < 6 dBi

Mechanical Attachment

Mounting Type	Pole/Mast/Bracket Mount

Operation/Application

Antenna Environment	Indoor, Outdoor
Directionality	Omnidirectional

Industry Standards

Communication Protocol	Cellular
Primary Application	Cellular

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: JUNE 2025 (250) Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # WMB8
Mount,Wall,1.5in



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



TE Part # L000158-01
Omni,698-4200MHz,1.5/4/5 dBi,N-Male,IP67



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



TE Part # L000320-03
OMNI,2x2 MIMO BATON,617-960/1427-6000MHz



TE Part # S8060B
Omni,PolMnt,17in,NF 806-866MHz, 2dBi



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



TE Part # PDD61606C-200SMAM
RP20 LITE,MIMO 5G,4G/LTE, GAIN ANTENNA

Also in the Series | OC Series



Cellular Antennas(4)



Outdoor Antennas(10)



Public Safety Antennas(4)



Wi-Fi Antennas(6)

Customers Also Bought



TE Part #ADP-RPSM-SMAF
RP-SMA Plug to SMA Jack



TE Part #CSE-SMBM-152-SMBM
SMB to SMB 152mm RG316



TE Part #ADP-SMAF-BNCM
SMA Jack to BNC Plug



TE Part #254589-E
SMCQ 32 M AB VV 8-13 CL * H007 137 E005



TE Part #FRX450
Omni,FG,450-470MHz,150W



TE Part #354072-E
SMCB 32 F AB VV 7-23 CL * H007 137 E002



TE Part #50462-6
SOCKET,MIN-SPR AU SER-2



TE Part #5-1437565-0
FSM6JSMATR=TACT SWITCH 6X6MIL



TE Part #2204534-1
ELCON MINI 3P CABLE CONN,PULL-TAB



TE Part #5650118-1
CONN SEC II 15 POS 100C/L R/A

Documents

Product Drawings

OMNI,DBAND,FIXED,NF 698-4200MHz,1.5dBi

English

Datasheets & Catalog Pages

4G/5G/CBRS Direct Mount Omnidirectional Antenna 698-960 MHz/1710-2700/3300- 4200 MHz

English

Agency Approvals

CE Declaration of Conformity

English