



OC Series

TE Internal #: OC51505-FNF

Baton/Stick Antenna, Single Band, Wi-Fi, External Mount, Pole/Mast /Bracket Mount, N-type, Omnidirectional, Single Port, Gain 3 < 6 dBi, OC Series

[View on TE.com >](#)

Antennas



Antenna Type: **Baton/Stick**

Band Type: **Single Band**

Primary Application: **Wi-Fi**

Wireless Application: **Wi-Fi**

Mounting Location: **External**

**Features**

**Signal Characteristics**

Frequency Band	5150 – 5875 MHz
Gain (Max)	5 dB
Frequency Category	4900 – 5950
Peak Gain	3 < 6 dBi

**Operation/Application**

Antenna Environment	Outdoor, Indoor
Directionality	Omnidirectional

**Configuration Features**

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

**Industry Standards**

Primary Application	Wi-Fi
Wireless Application	Wi-Fi

**Product Type Features**



Antenna Termination	N-type
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Antenna Product Type	Antenna
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**Mechanical Attachment**

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

EU RoHS Compliance	Compliant with Exemptions
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**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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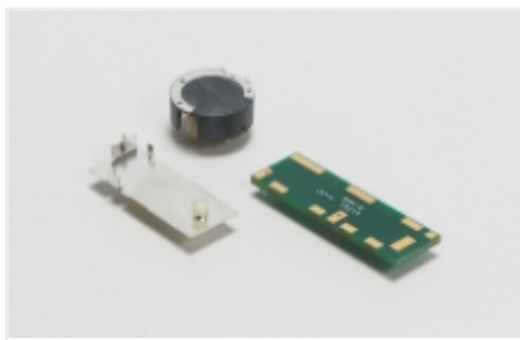
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

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.

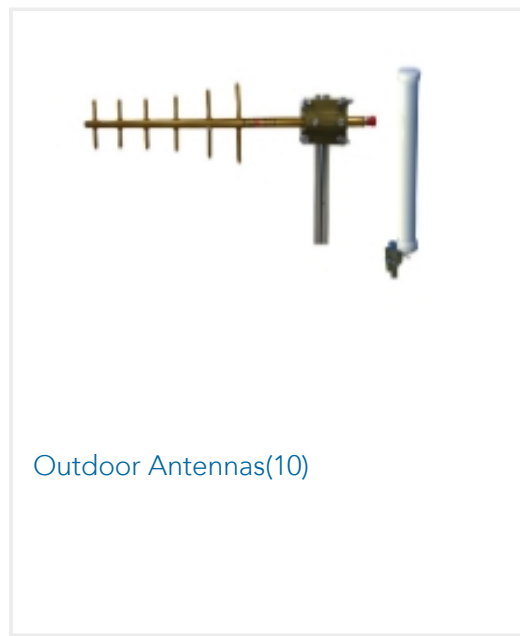
**Also in the Series | OC Series**



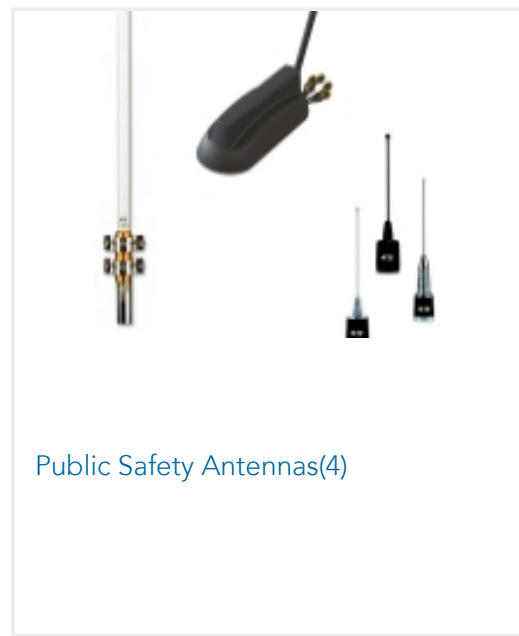
Antennas(10)



Cellular Antennas(4)



Outdoor Antennas(10)



Public Safety Antennas(4)

## Customers Also Bought



TE Part #1-1534840-1  
12POS MQS TAB COD A



TE Part #TRA4503  
OMNI,PH,NMO,450-470 WHT,3,150,3/4 MT



TE Part #TRA6927M3NB-001  
OMNI,Ph,NMO,698/1710 MHz BK,3 dBi,100W,



TE Part #TRA6927M3PB-001  
OMNI,DB,Ph,698/1710 MHz BK,3 dBi,100W,



TE Part #TRA6927M3PW-001  
OMNI,DB,Ph,698/1710 MHz WHT,3 dBi,100W,



TE Part #TRAB24003  
OMNI,SB,PH,2400-2500 3,3/4 MT BLK



TE Part #Y1503  
YAGI,GLD,3,150-174MHz 17,7.1dBi, YM78HD



TE Part #EXR902BN  
Duck,EXR,902-960MHz BN CM



TE Part #MBO-L  
MOUNT,BMM,3/4 STD,NO CBL/CON



TE Part #UML  
Mount,UnivLG,1.5inDia Grey

## Documents

### Product Drawings

[Omni,FixMnt,FIXED,NF 5150-5850MHz,5dBi,](#)

English

[Omni,FixMnt,FIXED,NF 5150-5850MHz,5dBi,](#)

English

### Datasheets & Catalog Pages

[Omni Antenna](#)

English



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[Agency Approvals](#)

[UK Declaration of Conformity](#)

English