



YS Series

TE Internal #: YS2165

TE Internal Description: YAGI,SS,5,216-225MHz, 20, 9.2dBi

[View on TE.com >](#)

Antennas



Antenna Type: **Yagi**

Band Type: **Single Band**

Primary Application: **VHF**

Wireless Application: **VHF**

Mounting Location: **External**

Features

Signal Characteristics

Frequency Band	216 – 225 MHz
Frequency Category	154 – 250
Peak Gain	> 6 dBi

Operation/Application

Antenna Environment	Outdoor
Directionality	Directional

Configuration Features

Antenna Style	Yagi/Log Periodic
Antenna Type	Yagi
Band Type	Single Band
Mounting Location	External
Port Configuration	Single Port

Industry Standards

Primary Application	VHF
Wireless Application	VHF

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna



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

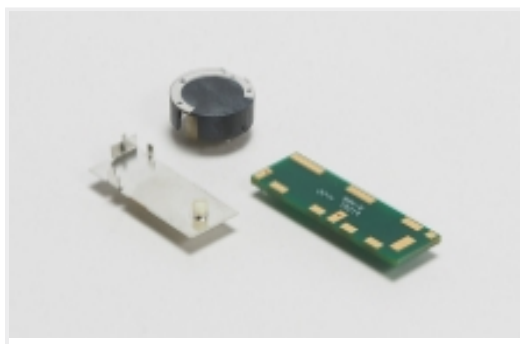
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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 2024 (241) 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.

Also in the Series | YS Series



Antennas(2)



ISM, LPWAN & LoRaWAN Antennas(2)



Outdoor Antennas(2)

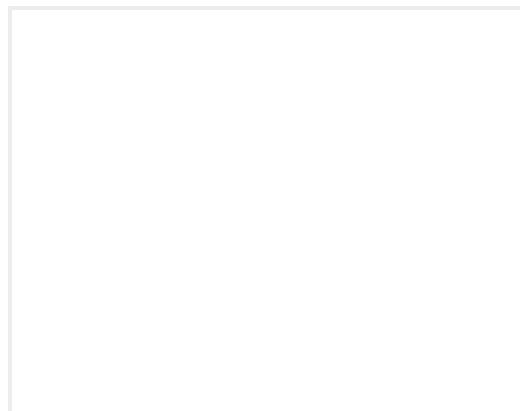


Public Safety Antennas(2)

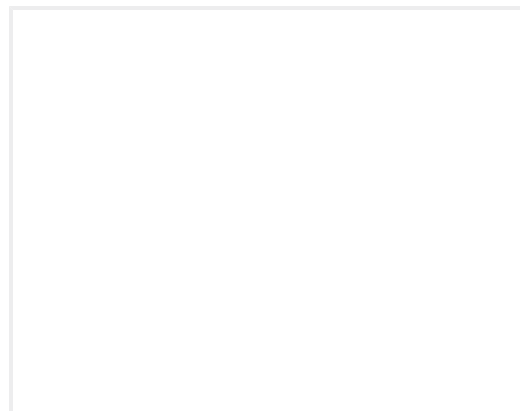
Customers Also Bought



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



TE Part #CPL9C-L
CONN,UHFM,



TE Part #MB8UMI
MOUNT,BMM,3/4,58U,MUHFM



TE Part #MB8U
MOUNT,BMM,3/4,58U STD,17FT58U

Documents

[Datasheets & Catalog Pages](#)
[DIRECTIONAL YAGI ANTENNAS](#)

English