Y8963 ✔ ACTIVE

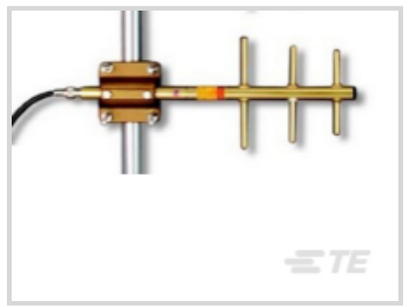
Y Series

TE Internal #: Y8963

Yagi Antenna, Single Band, ISM / LoRaWAN, External Mount, Pole /Mast/Bracket Mount, N-type, Directional, Single Port, > 6 dBi Peak Gain, Y Series

View on TE.com >

Antennas



Communication Protocol: **ISM, LoRaWAN**

Mounting Location: **External**

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

Frequency Category: **901 – 941**

Antenna Type: **Yagi**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

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

Signal Characteristics

Frequency Band	896 – 970 MHz
Gain (Max)	7.1 dB
Frequency Category	901 – 941
Peak Gain	> 6 dBi

Mechanical Attachment

Mounting Type	Pole/Mast/Bracket Mount

Operation/Application

Antenna Environment	Outdoor

Directionality	Directional

Industry Standards

Communication Protocol	ISM, LoRaWAN
Primary Application	ISM, LoRaWAN

Product Compliance

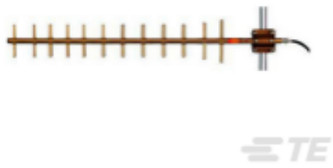
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

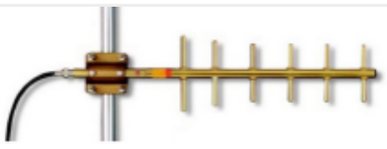
Product Compliance Disclaimer

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

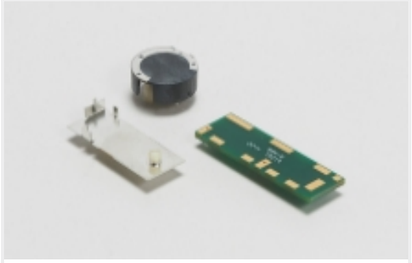


TE Part # Y89612
YAGI,FWG,12,896-970MHz 13dBi



TE Part # Y8966
YAGI,FWG,6,896-970MHz 16,9dBi

Also in the Series | Y Series



Antennas(11)



Outdoor Antennas(11)



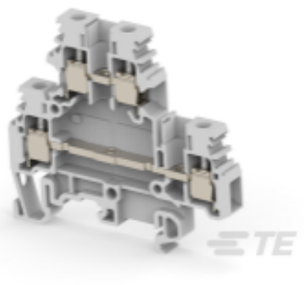
Public Safety Antennas(11)

Customers Also Bought



TE Part #Y4503
YAGI,FWG,3,450-470MHz

TE Part #1SNA118499R2300
FEM6D



TE Part #1SNA115126R0100
M4/6.D2.1



TE Part #FG9026
OMNI,FG,902-928MHZ 915MHz,6dBd



TE Part #5-103948-1
8X2 MTE SHRD PIN SR LTCH .100



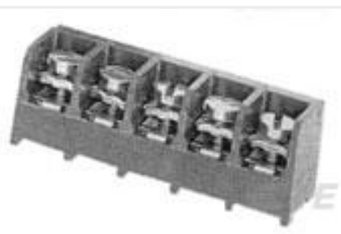
TE Part #5-103948-4
4X5 MTE SHRD PIN SR LATCH .100



TE Part #5-103960-1
10X2 MTE RCPT SR LATCH .100CL



TE Part #2-1393030-2
SSRT-240D25 = PANEL MOUNT,25A, 240VAC



TE Part #7-1437651-7
6PCR-04-006=6PCR ASSEMBLY



TE Part #MBC800
MISCACC,MBC,800MHZ 800MHZ MBL /BSE ADPTR

Documents

Datasheets & Catalog Pages

YAGI,FWG,3,896-970MHz, 6dBi

English

Agency Approvals

UK Declaration of Conformity

English