Y4506 ✔ ACTIVE

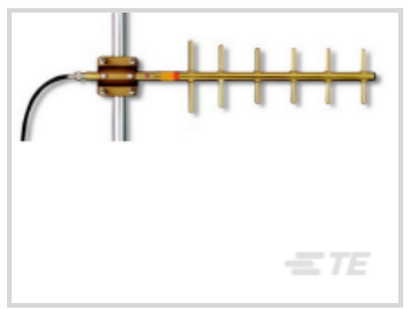
Y Series

TE Internal #: Y4506

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

View on TE.com >

Antennas



Communication Protocol: **UHF**

Mounting Location: **External**

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

Frequency Category: **350 – 520**

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	450 – 470 MHz
Gain (Max)	10.2 dB
Frequency Category	350 – 520
Peak Gain	> 6 dBi

Mechanical Attachment

Mounting Type	Pole/Mast/Bracket Mount

Operation/Application

Antenna Environment	Outdoor

Directionality	Directional

Industry Standards

Communication Protocol	UHF
Primary Application	UHF

Product Compliance

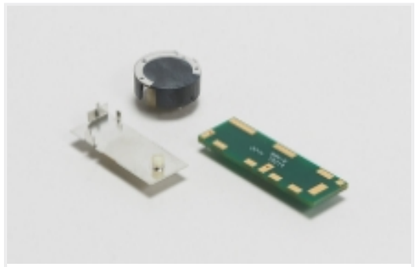
For compliance documentation, visit the product page on TE.com>

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.

Also in the Series | Y Series



Antennas(11)



Outdoor Antennas(11)



Public Safety Antennas(11)

Customers Also Bought



TE Part #MBCN

MISCACC,MBC,VHF/UHF VHF/UHF MBL/BSE ADPT



TE Part #FG4607

OMNI,FG,460-470MHZ,100W 465MHz, 9dBi



TE Part #FG4505W

OMNI,FG,450-470MHZ,100W 460MHz, 7dBi



TE Part #FM2

MOUNT,HD,2.5 MAST



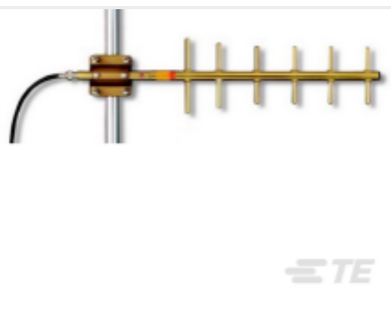
TE Part #UTRA4502S3NB-001

UHF PHANTOM,NMO,B FC 450-512 Mhz,



TE Part #CFSA35606P-30NF

OMNI,LOW PIM,30CM,NF 350-6000MHz, 6dBi



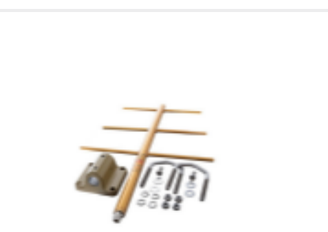
TE Part #Y8966

YAGI,FWG,6,896-970MHz 16,9dBi



TE Part #Y4505

YAGI,FWG,5,450-470MHz



TE Part #Y4503

YAGI,FWG,3,450-470MHz



TE Part #QW450

WHIP, QW, 1/4,450-470MHz 460, 0dB, CH, G

Documents

Datasheets & Catalog Pages

YAGI ANTENNAS UHF DATA SHEET

English

Agency Approvals

UK Declaration of Conformity

English