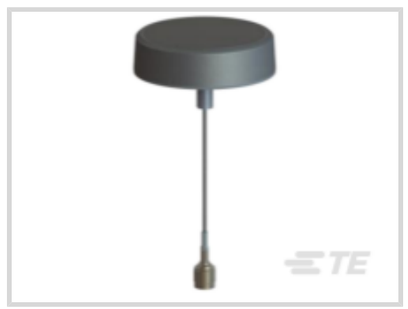
LPS69863NT-61SMAM ✔ ACTIVE

TE Internal #: LPS69863NT-61SMAM

Dome/Puck Antenna, Single Band, Cellular, External Mount, Stud /Screw/Lug Mount, SMA, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

View on TE.com >

Antennas



Communication Protocol: **Cellular**

Mounting Location: **External**

Mounting Type: **Stud/Screw/Lug Mount**

Frequency Category: **698 – 2700**

Antenna Type: **Dome/Puck**

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Disk-Puck
Mounting Location	External
Antenna Type	Dome/Puck
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

VSWR (Max)	<2.2:1

Signal Characteristics

Frequency Band	698 – 806 MHz, 698 – 960 MHz, 824 – 894 MHz, 880 – 960 MHz, 1690 – 2700 MHz, 1690 – 1880 MHz, 1850 – 1990 MHz, 1910 – 2180 MHz, 2300 – 2500 MHz, 2500 – 2700 MHz
Gain (Max)	6.6 dB
Frequency Category	698 – 2700
Peak Gain	0 < 3 dBi

Body Features

Antenna Weight	119 g

Mechanical Attachment

Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Diameter	100 mm[3.94 in]
Cable Length	.61 m[2 ft]

Operation/Application

Antenna Environment	Indoor, Outdoor
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67
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: FEB 2026 (253) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 # LPS88213NT-61SMAM
INFRA M2M,GSM, OMNI SISO SMAM, RG316

Customers Also Bought

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

TE Part #OD9-11D1
Omni,VPOL,Fixed,NF 890-960 MHz, 11,1 DegD

TE Part #VFH69383B22JU-518J
INFRA M2M,VEHICULAR,MIMO FIN PROF.6PORTS

TE Part #VPJ69595B-92FAK
VEHL,LBRACKET MIMO

TE Part #S9028PCL12NF
Panel,LHCP,12in,NF 902-928MHz, 9dBiC,flus

TE Part #GM8U
MOUNT,MMG,3/4,58U CHR,STD, 12FT58U

Documents

Product Drawings

INFRA M2M,698-960, 1690- 2700MHz,3dBi,PU

English

Datasheets & Catalog Pages

Omni SISO 3G-4G Disk/Puck 698-960 MHz/1690-2700 MHz

English