CSD-SMAM-610-NM ✔ ACTIVE

TE Internal #: CSD-SMAM-610-NM

SMA to N Type Cable Assembly, 2 ft [.61 m], Black Cable, 5.8 GHz Operating Frequency, 50 Ω, Flexible PVC, 20 AWG, .195 in [5 mm] Diameter, SMA Jack

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Cable Assemblies > RF Cable Assemblies



Connector Type (End A): **SMA Jack**

Jacket Material: **Flexible PVC**

Cable Assembly Length: **.61 m [2 ft]**

Cable Color: **Black**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Coax Cable Type	RG-58
Connector Type (End A)	SMA Jack
Connector Type (End B)	N Series Plug
Cable Assembly Type	SMA to N Type

Configuration Features

Number of Connectorized Ends	2

Electrical Characteristics

Impedance	50 Ω

Body Features

Jacket Material	Flexible PVC
Cable Color	Black

Contact Features

Center Contact Plating	Gold

Dimensions

Wire Size	20 AWG
Outside Cable Diameter	5 mm[.195 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Shielded	Yes
Operating Frequency	5.8 GHz

Other

Dielectric Material	PE
Cable Assembly Length	.61 m[2 ft]

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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (4.35% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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.

Compatible Parts



TE Part # FTRA6171M6PBN-001
OMNI,PH,PMT,617-7125MHz



TE Part # L000379-03
Panel,5G/4G,2x2MIMO,9dBi, 500cm SMA(m)



TE Part # L000379-04
Panel,5G/4G,2x2MIMO,9dBi,GNSS, 500cm SMA



TE Part # L000379-02
Panel,5G/4G,2x2MIMO,9dBi,GNSS, 30cm N(f)



TE Part # L000379-01
Panel,5G/4G,2x2MIMO,9dBi, 30cm N(f)

Customers Also Bought



TE Part #52410-1
PIDG SP SPD 22-16COMM22-18MIL8



TE Part #66253-8
MALE CONTACT ASSY. (STRIP)



TE Part #60700-2
RING CRIMP 20-16 AWG TPBR



TE Part #58336-1
HEAD (IDC) MODU MTE W/O TL



TE Part #66740-7
TYPE XII FEMALE CONT (STRIP)



TE Part #L9000142-01
Antenna 868/915 LPWA Dome IP67 N Jack



TE Part #ANT-868-CW-RCS-SMA
Antenna 1/4 Wave R-Angle 868MHz SMA



TE Part #CONSMA018-4-G
SMA Jack 50 Ohm Panel Mount



TE Part #CSE-SGAM-610-SGFB
SMA to SMA 610mm RG316



TE Part #690459-1
SHEAR HOLDER-FRONT

Documents

Product Drawings

SMA to SMA 610mm RG58

English

Datasheets & Catalog Pages

CABLE ASSEMBLY, SMA MALE TO N MALE, RG-58 CBL

English

Standard vs. Reverse Polarity (RP) SMA Connectors

English

The FCC Road Part 15 From Concept to Approval

English

RF Coaxial Connector Gender Naming

English

RF 101 Information for the RF Challenged

English