

CSD-SMAM-610-NM ✓ ACTIVE



SMA

TE Internal #: CSD-SMAM-610-NM

SMA to N Type Cable Assembly, .61 m [2 ft], Black Cable, 6 GHz, 50 ohm, Flexible PVC Jacket, 20 AWG, 5 mm [.195 in] Diameter, SMA Plug End A

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Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **SMA to N Type**

Cable Assembly (End A): **SMA Plug**

Cable Assembly (End B): **N Type Plug**

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

Coax Cable Type: **RG 58**

Features

Product Type Features

Cable Assembly Type	SMA to N Type
Cable Assembly (End A)	SMA Plug
Cable Assembly (End B)	N Type Plug
Coax Cable Type	RG 58

Configuration Features

Number of Connectorized Ends	2
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Electrical Characteristics

Impedance	50 Ω
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Body Features

Jacket Material	Flexible PVC
Cable Color	Black

Contact Features

Center Contact Plating Material	Gold
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Dimensions

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

Usage Conditions



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

Shielded	Yes
Operating Frequency Range	6 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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4.45% in Component Part)</p> <p>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.</p>
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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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 # 2484637-1
SMA Jack Edge .062 PCB Solder Tab 18 GHz



TE Part # 2484787-1
SMA Jack RA PCB Thru Hole BHD 18 GHz



TE Part # L000379-01
Panel, 5G/4G, 2x2 MIMO, 9dBi, 30cm N(f)



TE Part # L000379-03
Panel, 5G/4G, 2x2 MIMO, 9dBi, 500cm SMA(m)



TE Part # L000379-04
Panel, 5G/4G, 2x2 MIMO, 9dBi, GNSS, 500cm SMA



TE Part # 2484782-1
SMA Jack RA PCB Thru Hole 18 GHz 50 Ohm



TE Part # 2484786-1
SMA Jack RA SMD Pin Thru Hole 18 GHz



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



TE Part # L000379-02
Panel, 5G/4G, 2x2 MIMO, 9dBi, GNSS, 30cm N(f)




TE Part # 2484639-1
SMA Jack Str PCB Thru Hole BHD 18 GHz




TE Part # 2484780-1
SMA Jack Str SMD Pin Thru Hole 18 GHz


Also in the Series | SMA




Battery Holders(1)



Connector Adapters & Connector Savers(8)



Connector Caps & Covers(3)



Connector Strain Relief(1)



RF Cable Assemblies(121)




Customers Also Bought



TE Part #802643-SF
FN2070L-36-08



TE Part #ANT-916-CW-QW
Antenna 1/4 Wave Whip 916MHz



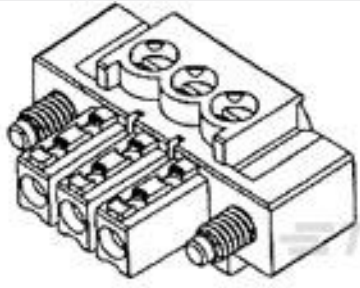
TE Part #ANT-DB1-LP-RM-01-N
Antenna Directional Tri-Band Hi-Gain N



TE Part #OTX-418-HH-LR8-MS
Remote MS 418MHz OOK AM 8Btn HH TX FCC



TE Part #CSA-RPSM-216-RSFB
RP-SMA to RP-SMA 216mm RG174



TE Part #284511-3
3 POS TERMINAL BLOCK PLUG C. VITI



TE Part #2-2176338-1
CRGCQ 0402 2K2 5%



TE Part #2488894-1
SMA Jack RA Thru Hole BHD IP68 SS316 6G

TE Part #04ZZXLF015
/HYB/2x22+/SH/PVC/UL2549/GY/-/



TE Part #5052944219
RNF-100-3/32-BK-SP

Documents

Product Drawings

[SMA to SMA 610mm RG58](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_CSD-SMAM-610-NM_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CSD-SMAM-610-NM_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CSD-SMAM-610-NM_A.3d_igs.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

CSD-SMAM-610-NM

SMA to N Type Cable Assembly, .61 m [2 ft], Black Cable, 6 GHz, 50 ohm, Flexible
PVC Jacket, 20 AWG, 5 mm [.195 in] Diameter, SMA Plug End A



[Datasheets & Catalog Pages](#)

[CABLE ASSEMBLY, SMA MALE TO N MALE, RG-58 CBL](#)

English