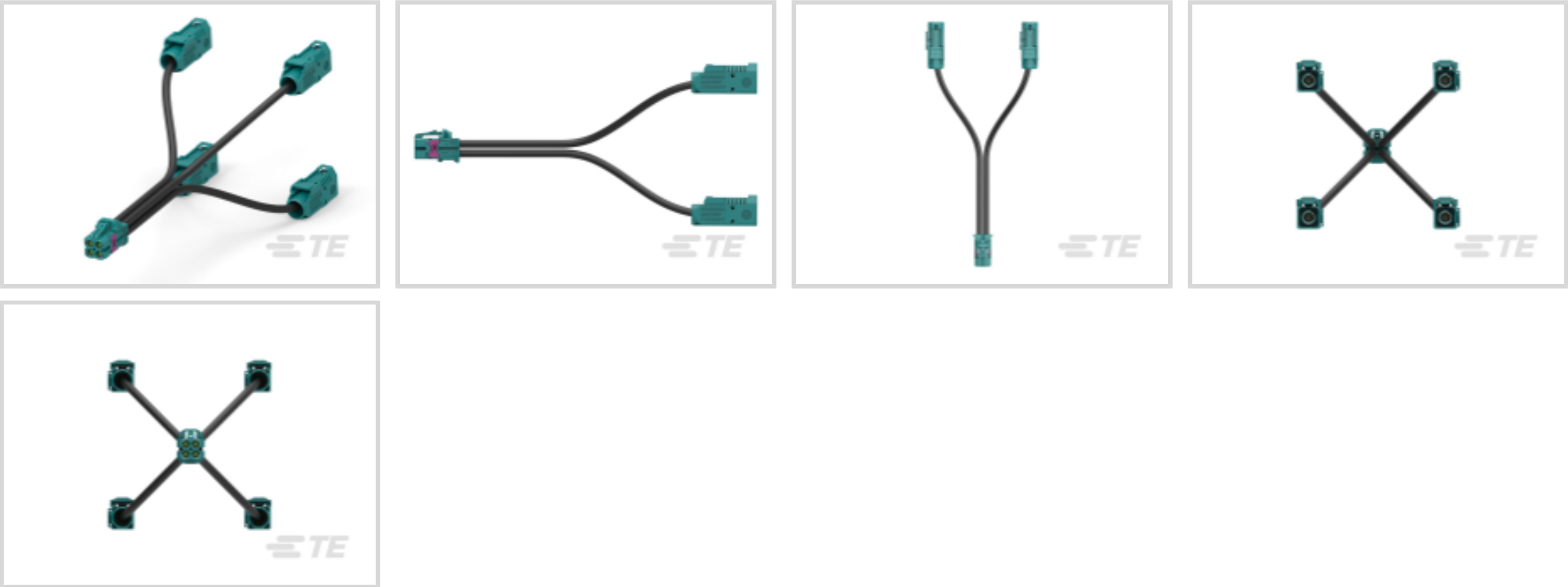


TE Internal #: 2081393-3
MATE-AX to FAKRA Cable Assembly, 1 m, Black Cable, 0 – 6 GHz,
50 ohm, PVC Jacket, 3.3 mm Diameter, MATE-AX Jack End A,
FAKRA Jack End B

[View on TE.com >](#)



Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: **MATE-AX to FAKRA**
Cable Assembly Length: **1 m**
Cable Color: **Black**
Operating Frequency: **0 – 6 GHz**
Impedance: **50 Ω**

Features

Product Type Features

Cable Assembly Type	MATE-AX to FAKRA
Cable Assembly (End A)	MATE-AX Jack
Cable Assembly (End B)	FAKRA Jack
Coax Cable Type	RTK 031

Electrical Characteristics

Impedance	50 Ω
-----------	------

Body Features

Cable Color	Black
Jacket Material	PVC

Dimensions

Outside Cable Diameter	3.3 mm
------------------------	--------

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application



Operating Frequency	0 – 6 GHz
---------------------	-----------

Other

Cable Assembly Length	1 m
-----------------------	-----

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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 1-2321775-9
4P,MATE-AX,HDR ASSY Rev.,90DEG,
COD Z



TE Part # 2321775-9
4P,MATE-AX,HDR ASSY,90DEG,COD Z

Customers Also Bought



TE Part #CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part #2081377-3
CA,FAKRA F TO M,RG174LL,NO SLIP,
1000MM



TE Part #2112291-1
PROTECTION CAP,GROUP B,ASSY



TE Part #2302454-9
1-PORT MATENET FRAME,UTP, COD
Z



TE Part #2081385-2
CA,FAKRA F TO M,RTK031,W SLIP,
600MM



TE Part #2081376-3
CA,FAKRA F TO F,RG174LL,NO SLIP,
1000MM



TE Part #2081390-5
CA,FAKRA F TO F,DACAR462,W SLIP,
WP,3M



TE Part #2302510-9
1-PORT MATENET FRAME,STP, COD
Z



TE Part #019864-001
GURONIC-B1-C300

Documents

Product Drawings
CA,MATE AX F TO FAKRA F,RTK031,1000MM
English

CAD Files
Customer View Model
ENG_CVM_CVM_2081393-3_1.3d_stp.zip
English
Customer View Model



[ENG_CVM_CVM_2081393-3_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2081393-3_1.3d_igs.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[FAKRA-AND-MATE-AX-CABLE-ASSEMBLIES](#)

English

Product Specifications

[Product Specification](#)

English