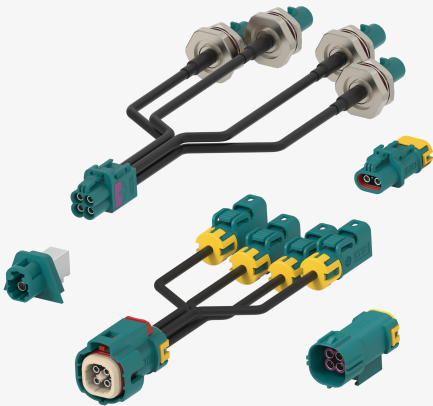




IP67/IP69K MINI-FAKRA CONNECTORS AND CABLE ASSEMBLIES

TE Connectivity's IP67/IP69K Mini-FAKRA connectors and cable assemblies provide compact, sealed RF connectivity for demanding industrial and outdoor applications. Featuring high-density packaging, push-on locking interfaces, and multiport options, the products are designed to help support machine vision, robotics, Industrial IoT, GPS/GNSS, telematics, and wireless communication systems where space savings, environmental protection, and secure connectivity are important design considerations.

APPLICATIONS

- Industrial Internet of Things (IoT)
- Robotics
- Humanoid Robots
- Machine Vision & Camera Systems
- GPS/GNSS Positioning Systems
- Telematics & Asset Tracking
- Wireless Communications
- Smart Agriculture
- Networking
- Outdoor Monitoring Systems

PRODUCT FACTS

- IP67/IP69K-rated
- Up to 9 GHz operating frequency
- Standard Mini-FAKRA interface
- 1-port, 2-port and 4-port configurations
- Snap-on locking connection
- Keyed and color-coded housings
- Compact, high-density design
- Designed for demanding industrial and outdoor applications
- Pre-assembled cable assemblies provide a ready-to-install RF connectivity solution

PART NUMBERS

IP67/IP69K PCB-MOUNT CONNECTORS

Part Number	Description
2545456-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P R/A A-code PCB Mount IP67/IP69K
2545456-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P R/A C-code PCB Mount IP67/IP69K
1-2545456-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P R/A Z-code PCB Mount IP67/IP69K
2545462-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P R/A A-code PCB Mount IP67/IP69K
2545462-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P R/A C-code PCB Mount IP67/IP69K
1-2545462-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P R/A Z-code PCB Mount IP67/IP69K
2545463-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P R/A A-code PCB Mount IP67/IP69K
2545463-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P R/A C-code PCB Mount IP67/IP69K
1-2545463-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P R/A Z-code PCB Mount IP67/IP69K

IP67/IP69K JACK HOUSINGS

Part Number	Description
2545464-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 1P Straight A-code Housing IP67/IP69K
2545464-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 1P Straight C-code Housing IP67/IP69K
1-2545464-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 1P Straight Z-code Housing IP67/IP69K
2545465-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 2P Straight A-code Housing IP67/IP69K
2545465-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 2P Straight C-code Housing IP67/IP69K
1-2545465-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 2P Straight Z-code Housing IP67/IP69K
2545468-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 4P Straight A-code Housing IP67/IP69K
2545468-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 4P Straight C-code Housing IP67/IP69K
1-2545468-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Jack 4P Straight Z-code Housing IP67/IP69K

PART NUMBERS

IP67/IP69K PLUG HOUSINGS

Part Number	Description
2545475-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P Straight A-code Housing IP67/IP69K
2545475-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P Straight C-code Housing IP67/IP69K
1-2545475-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 1P Straight Z-code Housing IP67/IP69K
2545476-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P Straight A-code Housing IP67/IP69K
2545476-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P Straight C-code Housing IP67/IP69K
1-2545476-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 2P Straight Z-code Housing IP67/IP69K
2545477-1	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P Straight A-code Housing IP67/IP69K
2545477-3	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P Straight C-code Housing IP67/IP69K
1-2545477-2	IP67/IP69K Mini-FAKRA Connector Mini-FAKRA Plug 4P Straight Z-code Housing IP67/IP69K

IP67/IP69K MINI-FAKRA CABLE ASSEMBLIES

Part Number	Description
1-2544163-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA IP67/IP69K Cable Assembly F-F 1P Z-Code .15M RTK031
1-2545857-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA IP67/IP69K Cable Assembly F-F 1P Z-Code .15M RG174
1-2545885-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA IP67/IP69K Cable Assembly F-F 4P Z-Code .15M RTK031
1-2545896-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA IP67/IP69K Cable Assembly F-F 4P Z-Code .15M RG174
1-2546004-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA IP67/IP69K Cable Assembly F 4-1P Z-Code .15M RTK031
1-2546032-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA Cable Assembly Z-Code Quad-Jack to 4x1-Pin FAKRA IP67/IP69K Plug Z Seal 0.15M
1-2546043-2	IP67/IP69K Mini-FAKRA Cable Assembly Mini-FAKRA Cable Assembly Z-Code 4P-Jack to 4x1-Pin FAKRA IP67/IP69K Jack Z Seal 0.15M

PART NUMBERS

MINI-FAKRA ACCESSORIES

Part Number	Description
2554584-1	Mini-FAKRA Accessory Cable Crimp Mini-FAKRA RTK031
2554549-1	Mini-FAKRA Accessory Cable Crimp Mini-FAKRA RG174
2554550-1	Mini-FAKRA Accessory Top Cover - CT Sub-assy Mini-FAKRA 1P Jack
2554551-1	Mini-FAKRA Accessory Bottom Cover for CT sub-assy MFK 1P Jack
2554554-1	Mini-FAKRA Accessory Cover for CT sub-assy MFK 1P Plug
2554555-1	Mini-FAKRA Accessory Seal Grommet I for Mini-FAKRA 1P RTK031
2554556-1	Mini-FAKRA Accessory Seal Grommet I for Mini-FAKRA 1P RG174
2554557-1	Mini-FAKRA Accessory Seal Grommet II for Mini-FAKRA 1P
2554558-1	Mini-FAKRA Accessory Back Cover for Mini-FAKRA 1P
2554559-1	Mini-FAKRA Accessory Seal Grommet for Mini-FAKRA 2P RTK031
2554560-1	Mini-FAKRA Accessory Seal Grommet for Mini-FAKRA 2P RG174
2554561-1	Mini-FAKRA Accessory Back Cover for Mini-FAKRA 2P
2554562-1	Mini-FAKRA Accessory Seal Grommet for Mini-FAKRA 4P RTK031
2554564-1	Mini-FAKRA Accessory Seal Grommet for Mini-FAKRA 4P RG174
2554566-1	Mini-FAKRA Accessory Back Cover for Mini-FAKRA 4P

PART NUMBERS

MINI-FAKRA CONTACTS	
Part Number	Description
2554540-1	Mini-FAKRA Contact Contact Sub-assy Mini-FAKRA Jack RTK031
2554542-1	Mini-FAKRA Contact Contact Sub-assy Mini-FAKRA Jack RG174
2554543-1	Mini-FAKRA Contact Contact Sub-assy Mini-FAKRA Plug RTK031
2554544-1	Mini-FAKRA Contact Contact Sub-assy Mini-FAKRA Plug RG174
2554545-1	Mini-FAKRA Contact Terminal Crimp Mini-FAKRA Jack
2554546-1	Mini-FAKRA Contact Terminal Crimp Mini-FAKRA Plug

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