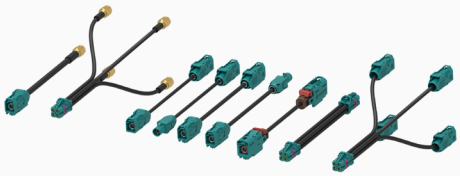
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FAKRA AND MATE-AX CABLE ASSEMBLIES

TE Connectivity's (TE) FAKRA and MATE-AX cable assemblies provide a design solution that can be used to replace SMA cable assemblies in new designs. Featuring TE's FAKRA and MATE-AX connection systems, these cable assemblies can be easy-to-use in tight spaces and enable reliable assembly for IoT and V2X applications.

The FAKRA connector system portfolio features an extensive range of cable assemblies, terminals, and housings for use in the many various automotive RF based applications. This includes 14 key codes with sealed, unsealed, 180° and 90° orientation variants. FAKRA connector products have been designed specifically for automated manufacturing and benefit from TE's global manufacturing footprint.

The MATE-AX miniaturized coaxial connector system provides advanced automotive data transmission performance, supporting, as standard, up to 9 GHz or up to 15GHz with optimized designs. Offering a higher packaging density, MATE-AX terminals can support up to 75% reduction in PCB footprint and by using existing wire types enabling flexible integration into existing coaxial architecture. The MATE-AX connector system features an extensive portfolio, offering a wide range of connector types and sizes to support RF-based applications.

APPLICATIONS

- IoT
- Antennas
- Telematics
- IP Cameras
- V2X (Vehicle-to-everything)

LEARN MORE

- Landing Page

KEY BENEFITS

- Ease of installation vs. screw-on SMA cable assemblies
- Can be used to replace SMA cable assemblies in new designs
- Works well in high-vibration applications
- Waterproof design works well in harsh environments

PRODUCT FEATURES

- Provides an easier, more sturdy snap-in connection than screw-on SMA connectors
- Uses components that are molded and stamped vs. machined parts which helps reduce cost
- Terminal design optimized for automated manufacturing

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FAKRA AND MATE-AX CABLE ASSEMBLIES

PART NUMBERS

Part Number	Description
2081376-1	Cable Assembly, FAKRA F TO F, RG174LL, NO SLIP,300MM
2081376-3	Cable Assembly, FAKRA F TO F, RG174LL, NO SLIP,1000MM
2081377-1	Cable Assembly, FAKRA F TO M, RG174LL, NO SLIP,300MM
2081377-3	Cable Assembly, FAKRA F TO M, RG174LL, NO SLIP,1000MM
2081377-6	Cable Assembly, FAKRA F TO M, RG174LL, NO SLIP,5000MM
2081384-4	Cable Assembly, FAKRA F TO F, RTK031, W SLIP,2000MM
2081384-6	Cable Assembly, FAKRA F TO F, RTK031, W SLIP,5000MM
2081385-2	Cable Assembly, FAKRA F TO M, RTK031, W SLIP,600MM
2081385-5	Cable Assembly, FAKRA F TO M, RTK031, W SLIP,3000MM
2081390-2	Cable Assembly, FAKRA F TO F, DACAR462, W SLIP, WP,600MM
2081390-5	Cable Assembly, FAKRA F TO F, DACAR462, W SLIP, WP,3M
2081345-2	Cable Assembly, FAKRA F TO SMA M, RG58LL, L600MM
2081345-4	Cable Assembly, FAKRA F TO SMA M, RG58LL, L2000MM
2081392-2	Cable Assembly, Mate-AX F TO F, STR, RTK031,600MM
2081392-4	Cable Assembly, Mate-AX F TO F, STR, RTK031,2000MM
2081393-1	Cable Assembly, Mate-AX F TO FAKRA F, RTK031,300MM
2081393-3	Cable Assembly, Mate-AX F TO FAKRA F, RTK031,1000MM
2081346-1	Cable Assembly, Mate-AX F TO SMA M, RTK031,300MM
2081346-3	Cable Assembly, Mate-AX F TO SMA M, RTK031,1000MM
2081346-5	Cable Assembly, Mate-AX F TO SMA M, RTK031,3000MM
2081392-2	Cable Assembly, Mate-AX F TO F, STR, RTK031,600MM

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