



Overview

Amphenol RF offers a variety of pre-configured FAKRA to SMA designed with flexible cable types. These 50 ohm assemblies are available in straight plug and jack configurations on popular coax cables and provide reliable performance up to 3 GHz. FAKRA to SMA cable assemblies are ideal for automotive applications such as wireless infrastructure and advanced driver assistance systems (ADAS), and industrial applications like RFID and precision GPS.

FAKRA to SMA cable assemblies are engineered with high-quality connectors that are manufactured using the automotive industry standard FAKRA connector and the compact SMA connector. These connectors feature the snap-on interface and the threaded interface, respectively. The flexibility of the cables utilized allow for this assembly to be extremely versatile.

Features and Benefits

- Designed on flexible cable types for tight spaces
- Available in a variety of standard lengths
- Supports a wide array of applications
- Tests for structural integrity and durability
- No additional tooling required

Applications

- 360° cameras
- Advanced Driver Assistance Systems (ADAS)
- Precision GPS
- RFID
- Drones
- Wireless infrastructure
- Antennas
- Handheld devices
- Test and measurement

Amphenol RF

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For more information visit www.amphenolrf.com
or call 800.627.7100

FAKRA to SMA Cable Assemblies

Pre-Configured 50 Ohm Assemblies on Flexible Cables

Ordering Information

FAKRA to AMC on RG-174

Part Number	Description
095Z820-159-YYY	FAKRA Straight Jack to SMA Straight Jack, Z Code
095Z820-160-YYY	FAKRA Straight Plug to SMA Straight Jack, Z Code
095Z820-161-YYY	FAKRA Straight Jack to SMA Straight Plug, Z Code
095Z820-162-YYY	FAKRA Straight Plug to SMA Straight Plug, Z Code

FAKRA to SMA on RG-58

Part Number	Description
095Z820-163-YYY	FAKRA Straight Jack to SMA Straight Jack, Z Code
095Z820-164-YYY	FAKRA Straight Plug to SMA Straight Jack, Z Code
095Z820-165-YYY	FAKRA Straight Jack to SMA Straight Plug, Z Code
095Z820-166-YYY	FAKRA Straight Plug to SMA Straight Plug, Z Code

Note: 'YYY' denotes length code. See available lengths in chart below.

Standard Lengths Available

Length Code	Length in Inches (Millimeters)
-006	6.00 in (152.40 mm)
-012	12.00 in (304.80 mm)
-018	18.00 in (457.20 mm)
-024	24.00 in (610 mm)
-036	36.00 in (914.40 mm)
-M100	39.37 in (1000 mm)
-M200*	78.74 in (2000 mm)
-M300*	118.11 in (3000 mm)

* = only available for RF-58 configurations