

## MINI-FAKRA TYPE A TO FAKRA CABLES

50 Ohm Breakout Assemblies on Low Loss Cable

### Overview

Amphenol RF offers AUTOMATE Type A Mini-FAKRA quad-port and dual-port breakout cables designed on low loss RG-174 and TFC 302LL cable. These assemblies feature automotive industry-standard snap-on interfaces on all ends with low engagement forces for secure mating and easy installation. These pre-configured assemblies are well-suited for camera and other high-bandwidth applications in the automotive and industrial space.

AUTOMATE Mini-FAKRA and FAKRA connectors are designed with ruggedized impact-resistant housing. They feature a closed entry cable interface which limits the size of mating parts to prevent contact damage when mating. The universal Z color coding and mechanical keying allows it to be intermateable with all other key codes. This assembly offers high-performance up to 6 GHz.

### Features and Benefits

- Compact, modular housing
- Multi-port configuration
- Low loss and flexible cable type
- Universally keyed Z code
- Low engagement and dis-engagement forces

### Applications

- 360-degree cameras
- Antennas
- Handheld devices
- Wireless Infrastructure
- Automotive
- Advanced Driver Assistance Systems (ADAS)
- GPS
- Test & Measurement
- Drones

### Ordering Information

**AUTOMATE Type A Mini-FAKRA Quad-Port to (4) FAKRA on TFC 302LL**



Part Number	Description
095-820-243-006	Mini-FAKRA Straight Jack Quad to (4) FAKRA Straight Plug, 6 inches
095-820-243-M050	Mini-FAKRA Straight Jack Quad to (4) FAKRA Straight Plug, 0.5 meter
095-820-243-M100	Mini-FAKRA Straight Jack Quad to (4) FAKRA Straight Plug 1 meter
095-820-243-M200	Mini-FAKRA Straight Jack Quad to (4) FAKRA Straight Plug, 2 meter

*Note: All connectors in this assembly utilize the universal Z color coding and mechanical keying.*

**AUTOMATE Type A Mini-FAKRA Dual-Port to (2) FAKRA on RG-174**



Part Number	Description
095-820-228-006	Mini-FAKRA Straight Jack Dual to (2) FAKRA Straight Jack, 6 inches
095-820-228-M100	Mini-FAKRA Straight Jack Dual to (2) FAKRA Straight Jack, 1 meter
095-820-228-M200	Mini-FAKRA Straight Jack Dual to (2) FAKRA Straight Jack, 2 meter

*Note: All connectors in this assembly utilize the universal Z color coding and mechanical keying.*

### Amphenol RF

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For more information visit [www.amphenolrf.com](http://www.amphenolrf.com)  
or call 800.627.7100

# Amphenol® RF

## Technical Specifications

### Electrical

	RG-174	TFC 302LL
Impedance	50 Ω	
Frequency Range	DC - 6 GHz	

### Mechanical

Mating Cycles	25 Cycles Min.
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### Environmental

RoHS	Compliant with exemption 6C
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### Materials

	AUTOMATE Type A Mini-FAKRA	FAKRA
Body	Copper Nickel Alloy, Matte Tin Plating	Zinc Diecast, Matte Tin Plating
Female Contact	Copper Nickel Alloy, Gold Plating	Phosphor Bronze, Gold Plating
Insulator	PPE + PS	PTFE

*Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.*

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