

MINI-FAKRA TYPE A TO IP67 FAKRA CABLES

50 Ohm Breakout Assemblies on Low Loss Cable

Overview

Amphenol RF offers AUTOMATE Type A Mini-FAKRA quad-port jack to (4) IP67 jack breakout cables designed on low loss RG-174 cable. This assembly features automotive industry-standard snap-on interfaces on all ends with low engagement forces for secure mating and easy installation. This pre-configured assembly is well-suited for camera and other high-bandwidth applications in the automotive and industrial space.

AUTOMATE Mini-FAKRA and waterproof IP67 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 3 GHz with secure and easy mating and unmating.

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 to (4) IP67 FAKRA on RG-174



Part Number	Description
095-820-157-006	Mini-FAKRA Straight Jack Quad to (4) IP67 FAKRA Straight Jack, 6 inches
095-820-157-M100	Mini-FAKRA Straight Jack Quad to (4) IP67 FAKRA Straight Jack, 1 meter
095-820-157-M200	Mini-FAKRA Straight Jack Quad to (4) IP67 FAKRA Straight Jack, 2 meter

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

Technical Specifications

Electrical

Impedance	50 Ω
Frequency Range	DC - 3 GHz

Mechanical

Mating Cycles	500 Cycles Min.
---------------	-----------------

Environmental

RoHS	Compliant with exemption 6C
------	-----------------------------

Materials

	AUTOMATE Type A Mini-FAKRA	IP67 FAKRA
Body	Copper Nickel Alloy with Matte Tin Finish	Zinc Diecast
Female Contact	Gold Plated, Copper Nickel Alloy	Gold Plated, Beryllium Copper
Insulator	PPE + PS	PTFE

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

Amphenol RF

Four Old Newtown Road
Danbury, CT 06810

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