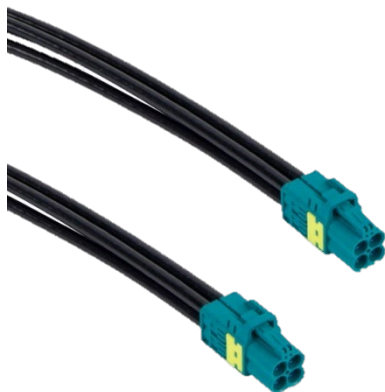


TYPE A MINI-FAKRA CABLE ASSEMBLIES

Pre-Configured 50 Ohm Multi-Port Assemblies on Low Loss Cable



Ordering Information

AUTOMATE Mini-FAKRA Jack to Jack on TFC-302LL

Part Number	Description
095-820-182XXXX	AUTOMATE Type A Mini-FAKRA Quad-Port Jack to Jack

Overview

Amphenol RF offers AUTOMATE Type A Mini-FAKRA quad-port jack to jack cables designed on highly flexible TFC-302LL cable. These assemblies feature the automotive industry standard snap-on interface for secure mating and provide an end-to-end solution for designs. This preconfigured assembly is well suited for camera and other high-bandwidth applications in the automotive and industrial space.

The AUTOMATE Mini-FAKRA is designed with compact, modular housing and a quad port configuration. It provides a space savings of up to 80% compared with traditional FAKRA connectors. 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 9 GHz with 20 Gbps data transfer rates.

Features and Benefits

- Compact, modular housing
- Multiport configuration
- Low loss and flexible cable type
- Universally keyed Z code
- Saves installation space by up to 80%
- Low engagement and disengagement forces

Applications

- 360-degree cameras
- Industrial
- Autonomous vehicles
- Advanced Driver Assistance Systems (ADAS)
- GPS navigation
- High bandwidth infotainment
- ECUs and Compute modules

Amphenol RF

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Danbury, CT 06810

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

Standard Lengths Available

Length Code	Length in Meters (Inches)
M100	1.00 M (39.370 in)
M300	3.00 M (118.110 in)
M500	5.00 M (196.850 in)
M700	7.00 M (275.591 in)
M900	9.00 M (354.331 in)
M12L	12.0 M (472.441 in)

Technical Specifications

Electrical

Impedance	50 Ω
Frequency Range	DC - 9 GHz

Environmental

RoHS Compliance	Compliant with Exemption 6C
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Mechanical

Mating Cycles	500 Min
Coupling Mechanism	Snap-On

Materials

Body	Copper Nickel Alloy, Matte Tin Finish
Female Contact	Copper Nickel Alloy, Gold Plated
Insulator	PPE + PS