



Ordering Information

FAKRA Rear Mount Bulkhead Straight Crimp Plug, IP67

Part Number	Description
2FA1-NXSP-C30E2	FAKRA Rear Mount Bulkhead Straight Crimp Plug, TFC 302LL
2FA1-NXSP-C01E2	FAKRA Rear Mount Bulkhead Straight Crimp Plug, RG-174
2FA1-NXSP-C04E2	FAKRA Rear Mount Bulkhead Straight Crimp Plug, RG-58
2FA1-NZSP-C19E1	FAKRA Rear Mount Bulkhead Straight Crimp Plug, LMR-195

Note: 'X' denotes color code. See FAKRA/USCAR mechanical coding chart below for available key codes.

Overview

The FAKRA rear mount bulkhead plug is designed to support industry standard automotive cable types which offer reliable mechanical and electrical performance. These FAKRA plugs are color-coded and mechanically keyed for easy installation and are available in a variety of key codes including the universal Z code.

This plug is a compact and secure connector that offers reliable RF performance up to 6 GHz. Its design allows for mounting on panels and enclosure walls, ensuring maximum stability. These features make the FAKRA bulkhead plug ideal for the automotive and industrial automation industries.

These connectors are part of a robust portfolio of FAKRA products suitable for applications such as sensor integration, antenna connectivity and vehicle communication networks.

Features and Benefits

- Reliable electrical performance up to 6 GHz
- Waterproof IP67 configuration
- Ruggedized construction
- Push-on coupling for quick and easy mating

Applications

- GPS
- Satellite Communication
- ADAS
- Machine-to-Machine Communication
- Telematics
- Remote Monitoring

FAKRA/USCAR MECHANICAL CODING					
	Jack	Plug	RAL	Color	Application
A			9005	 Jet Black	DAB/AM-FM
B			9001	 Cream	DAB with Power / AM-FM
C			5005	 Signal Blue	GPS
D			4004	 Claret Violet	Cellular Phone
E			6002	 Leaf Green	TV / SDARS Terrestrial
F			8011	 Nut Brown	TV / SDARS Terrestrial / Camera
G			7031	 Blue Grey	SDARS Terrestrial
H			4003	 Heather Violet	GPS Navigation
I			1001	 Beige	Bluetooth / VPM
K			1027	 Curry	SDARS Satellite AM-FM
Z			5021	 Water Blue	Universal (Neutral) Code

Amphenol RF

Four Old Newtown Road
Danbury, CT 06810

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

Technical Specifications

Electrical

Impedance	50Ω
Frequency Range	DC - 6 GHz
Dielectric Withstanding Voltage	800 VRMS Min
VSWR	1.23 Max

Environmental

Temperature Range	-40°C to +100°C
RoHS Compliance	Compliant with Exemption 6C

Mechanical

Mating Cycles	100 Min
Coupling Mechanism	Threaded

Materials

Body	Zinc Alloy, Nickel Plating
Contact	Brass, Beryllium Copper, Gold Plating
Insulator	PTFE, Natural

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

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