

FAKRA

CRK1 series

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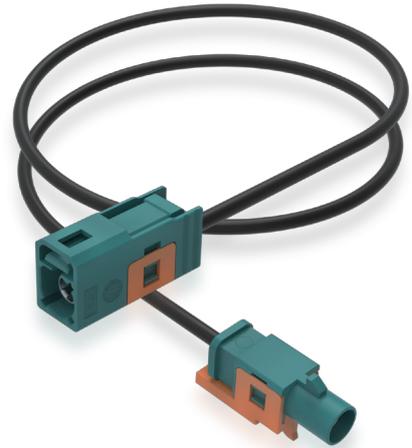
High Performance
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Color Coding
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Secure Locking
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Quick Connect
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Space Saving



Features & Advantages

FAKRA was introduced in 2000 by a group of 12 European and American automakers, led by German car manufacturers, as a standardized antenna connector for in-vehicle equipment.

The FAKRA standard primarily defines the physical dimensions and color coding of the connectors, while the functional definition of the connectors is determined by each automaker.

- Meets USCAR high-performance and safety RF signal transmission requirements for the automotive industry
- Color-coded locking mechanism to effectively prevent misinsertion
- Primary and secondary locking structure for safe and convenient housing assembly
- Elastic interlocking mechanism for quick connection
- Full coverage of connector applications within the 6GHz frequency range
- Scientifically designed structure and material selection for reliable and durable performance
- Single-chamber and dual-chamber housing designs to save space and improve efficiency

Coding & Colours

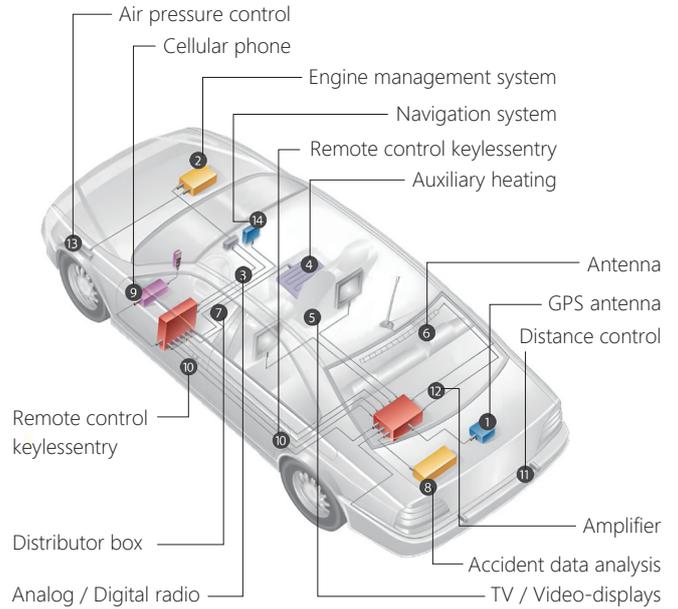
Coding	Colour/RAL	Application	Coding	Colour/RAL	Application
A	Dark Black RAL.9005	DAB / AM-FM	H	Violet RAL.4003	GPS Navigation
B	Cream RAL.9001	DAB With Power/ AM-FM	I	Beige RAL.1001	Bluetooth / VPM
C	Signal Blue RAL.5005	GPS	K	Coffee Yello RAL.1027	SDARS / AM-FM
D	Bordeaux Purple RAL.4004	Cellular Phone	L	Carminie RAL.3002	VPM
E	Leaves Green RAL.6002	TV / SDARS	M	Light Orang RAL.2003	RKE / TPMS
F	Brown RAL.8011	TV / SDARS / Camera	N	Light Gree RAL.6019	DSRC / VPM
G	Bluish grey RAL.7031	SDARS Terrestrial	Z	Aqua Blue RAL.5021	Universal Code

● PCB CONNECTORS (STRAIGHT/ RIGHT ANGLE)

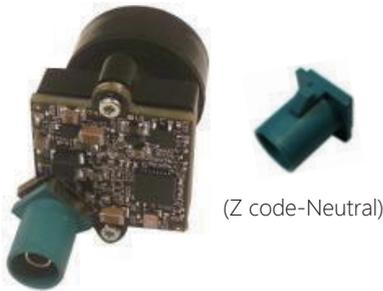


Application

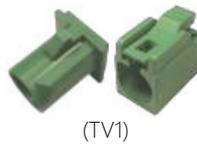
- GPS Navigation; Broadcast Antenna / V2X Antenna / RF Bluetooth / Wireless Communication
- In-Vehicle Infotainment System / Telematics System
- Autonomous Driving System / Advanced Driver Assistance System (ADAS)
- 360° Surround View Camera / In-Vehicle Electronic Instrumentation



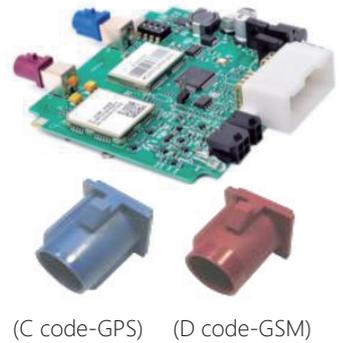
● TIDA Camera Module



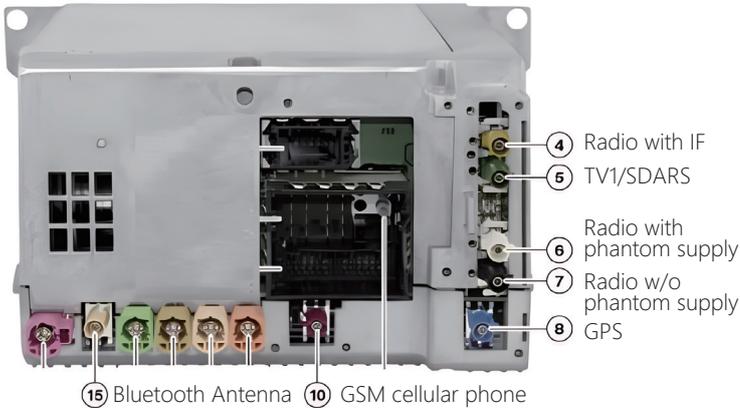
● TV1 & TV2



● GPS & GSM Module



● Multimedia Head Unit (NBT)



● GPS & GSM Module

