RF Connectors and Cables for Automotive

Our RF connector and cables are designed to meet critical requirements for Automotive application. Our parts are compliant with LV214 and USCAR standards, can meet critical requirements on waterproof and vibration withstanding. We also simulated and measured the data on signal integrity. Our parts are used by varied customers on traditional cars, new energy cars, and robots。

A new trend is to install multiple cameras in consumer vehicles to support higher security requirements and higher lever autonomous driving demand. Our HSD, FAKRA, Mini Fakra connectors are designed to provide a reliable connection to the external cameras. They also comply with USCAR specifications and can meet the requirements of vehicles (including driverless cars and commercial vehicles).

We also provide completed RF solutions with excellent high-frequency performance and superior signal integrity, even the parts will work in harsh environments. We can provide standard parts, customized cables for those HSD, FAKRA, Mini Fakraproducts. Our flexible and efficient research and development process can quickly respond to the customized products.

Catalog Parts：

- MINI FAKRA 4 IN 1 PCB Header.
- SMB TO FAKRA adapter.
- MINI FAKRA TO FAKRA Cable.
- SMB TO FAKRA Cable.
- FAKRA Jack TO FAKRA Plug Cable.
- FAKRA+2 Jack TO FAKRA+2 Jack Cable.

Order Information:

- SMB to FAKRA Adapter:
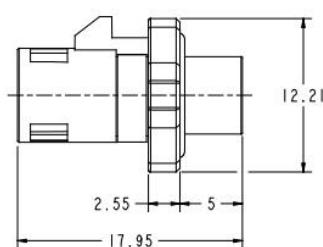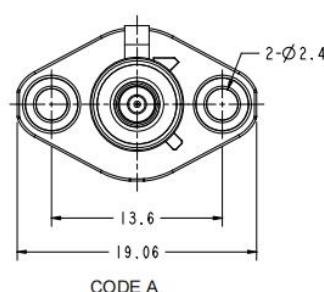
CODE	Color	P/N
A	Black	CB210127-001
Z	Waterblue	CB210127-002

- MINI FAKRA 4 IN 1 PCB Header, Equivalent to TE MATE-AX:

CODE	Color	P/N
A	Black	CB210128-001
B	White	CB210128-002
C	Blue	CB210128-003
D	Purple	CB210128-004
E	Green	CB210128-005
F	Brown	CB210128-006
Z	Waterblue	CB210128-007

- MINI FAKRA 4 IN 1 PCB Header, Equivalent to Rosenberger HFM.

CODE	Color	P/N
A	Black	CB210132-001
B	White	CB210132-002
C	Blue	CB210132-003
D	Purple	CB210132-004
E	Green	CB210132-005
F	Brown	CB210132-006
Z	Waterblue	CB210132-007

- MINI FAKRA TO FAKRA Plug Cable

CODE	Color	P/N	Equivalent to
A	Black	CB210126-00A	
B	White	CB210126-00B	
C	Blue	CB210126-00C	
D	Purple	CB210126-00D	TE Mate-AX
E	Green	CB210126-00E	
F	Brown	CB210126-00F	
Z	Waterblue	CB210126-00Z	
A	Black	CB210131-00A	
B	White	CB210131-00B	
C	Blue	CB210131-00C	
D	Purple	CB210131-00D	Rosengbeger HFM
E	Green	CB210131-00E	
F	Brown	CB210131-00F	
Z	Waterblue	CB210131-00Z	

- MINI FAKRA TO FAKRA Jack Cable

CODE	Color	P/N	Equivalent to
A	Black	CB210134-00A	
B	White	CB210134-00B	
C	Blue	CB210134-00C	
D	Purple	CB210134-00D	TE Mate-AX
E	Green	CB210134-00E	
F	Brown	CB210134-00F	
Z	Waterblue	CB210134-00Z	
A	Black	CB210133-00A	
B	White	CB210133-00B	
C	Blue	CB210133-00C	
D	Purple	CB210133-00D	Rosengbeger HFM
E	Green	CB210133-00E	
F	Brown	CB210133-00F	
Z	Waterblue	CB210133-00Z	

- SMB to FAKRA Cable

CODE	P/N	FAKRA Gender	SMB Oritention	Cable Length
Z	CB210129-001	Plastic Jack	Straight	165mm
Z	CB210129-002	Plastic Jack	R/A	165mm
Z	CB210129-003	Plastic Plug	R/A	165mm
Z	CB210129-101	Metal Plug	R/A	165mm
Z	CB210129-102	Metal Plug	R/A	500mm

- FAKRA Jack TO FAKRA Plug Cable

CODE	料号	FAKRA P1	FAKRA P2	Length（mm）
Z	CB210130-011	Plug	Jack	300
Z	CB210130-012	Plug	Jack	500
Z	CB210130-001	Plug	Jack	1000
Z	CB210130-002	Plug	Jack	2000
Z	CB210130-003	Plug	Jack	3000
Z	CB210130-004	Plug	Jack	4000
Z	CB210130-005	Plug	Jack	5000
Z	CB210130-006	Plug	Jack	6000
Z	CB210130-007	Plug	Jack	7000
Z	CB210130-008	Plug	Jack	8000

- FAKRA+2 Jack TO FAKRA+2 Jack Cable

CODE	P/N	FAKRA+2 P1	FAKRA+2 P2	Length（mm）
Z	CB210135-101	Plug	Plug	3500
Z	CB210135-102	Plug	Plug	1700
Z	CB210135-103	Plug	Plug	1400
Z	CB210135-104	Plug	Plug	3000
Z	CB210135-105	Plug	Plug	5000
Z	CB210135-106	Plug	Plug	700

The difference between TE Mate-ax and Resengber HFM.

PCB header   （A CODE）

PCB header   （Z CODE）
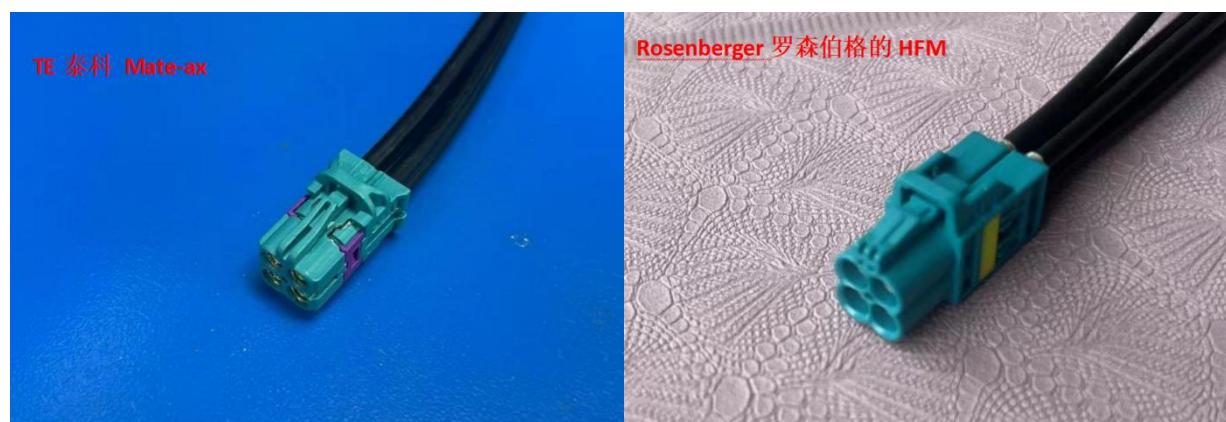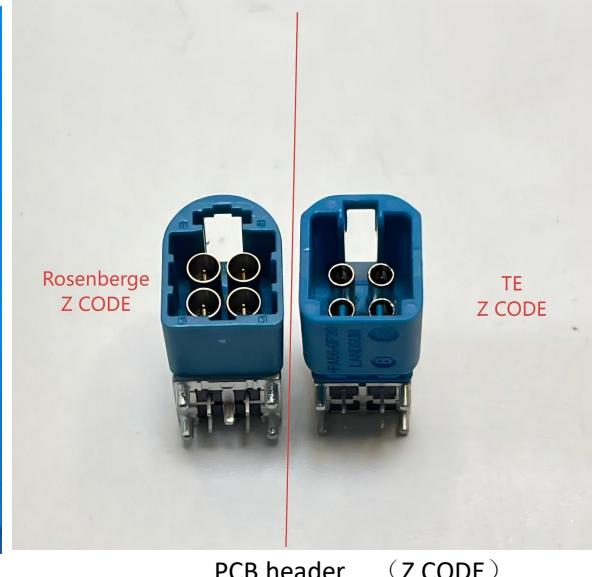
Cable Jack

Technology support and customization inquire，Please contact with Mr. Roy Wang
Tel: +86- 13640617500，Email: Roy.Wang@conbeone.com

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