

FAKRA SF = Stamped and Formed

Our USPs

- › Hybrid cable assemblies: Different FAKRA technologies with different Mini Coax technologies
- › Assembly of different cable types such as: RTK031 and RG174
- › Special solutions
- › Globally standardized machinery



Your Advantages

- › Sealed and non-sealed variants
- › 90° and 180° variants
- › 13 mechanical and colored codings and one neutral coding
- › Highly automated assembly incl. process monitoring

Technical Information

Electrical	
Return loss	6 GHz up to 12 dB (VW LAH V03 825) 3 GHz up to 14 dB (USCAR)

Mechanical	
Engagement force	≤ 25 N
Cable retention force	≥ 110 N (depending on housing)
Dynamic load	Load level 2

Environmental	
Temperature range	-40 °C up to +105 °C (depending on cable)

Requirements

- › Automotive connector system for all RF-based applications in the automotive industry
- › Component according to ISO 20860-1 and USCAR 18

Applications

Autonomous driving (e.g. LiDAR)	Rear seat entertainment
Driver assistance systems	Surround view

Protocols & Signals

FPD-Link	GMSL
Wi-Fi	AM / FM / 5G
GPS	CoaXPress
Bluetooth	

Specification according to Rosenberger datasheet

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Cable Assembler

with 50 years of experience



Flexible Volume Supplier

More than 180 million products in over 20,000 variants every year and more than 450 car models from over 90 OEMs



Automotive Supplier

for more than 30 years



Independent, integrated technology leader

with an in-house mechanical engineering department for production equipment



Leading Global Specialist

for data transmission solutions in vehicles



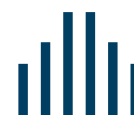
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as a quality factor for standard-compliant methodology and reliable evaluations



Over 5,000 employees

worldwide with a global manufacturing and distribution network



Foundation Company

with a clear focus on the sustainable preservation of the company, constant innovation and secure jobs