## **FAKRA LC**



### **Perfectly Assembled Cables – 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)

Mechanical

Engagement force  $\leq$  25 N Cable retention force  $\geq$  110 N

(depending on cable)

Dynamic load Load level 2

**Environmental** 

Temperature range -40 °C up to +105 °C

(depending on cable)

Specification according to ROKA datasheet

#### Requirements

- Automotive connector system for all RF-based applications in the automotive industry
- > Component according to ISO 20860-1

### **Applications**

- > Autonomous driving (LiDAR)
- > Rear seat entertainment
- > Driver assistance system
- Surround view

## **Protocols & Signals**

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



# **MD** in a Nutshell



The C.A.S.E. megatrend describes the four essential future topics for the automotive industry: Connected, Autonomous, Shared & Service and Electric. Data plays a central role and drives the future of the automotive industry. Data is generated, transferred, merged and evaluated. We are experts in the transmission of the rapidly increasing data volumes and have developed the latest technological solutions for this future topic.

**25** 

years experience in the automotive industry

100 %

automotive



Supplier of products for over 350 car models from more than 60 OEMs



Volume supplier – over 160 million products in more than 20,000 variants annually



Global production- & sales network in NAFTA, Europe and APAC



Stable ownership structure



Worldwide leading company for data transmission solutions in vehicles



Approx. 6,000 employees worldwide



Accredited in-house test laboratory