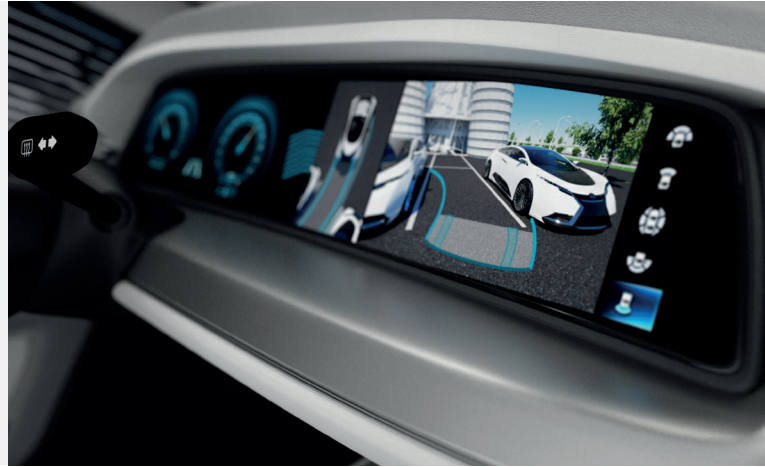# Innovative cable assembly solutions for special sensor applications



## Perfectly Assembled Cables – Our USPs

› Semi-automated production line
  and process monitoring
› Globally standardized machinery
› Development of a connector system according to
  customer requirements or build-to-print manufacturing

## Your Advantages

› Processing of customer-specific connectors
  and components with overmolded parts
› Design optimization upon request
› Handling of various cable diameters and types
› Very high watertightness class
› Validation according to customer test standards with
  common environmental simulations and suitable
  testing technology in accredited MD test laboratory
› Use in outdoor and dirty areas

## Requirements

Combination of multicore and coax cable assemblies
for the use in outdoor and dirty areas, compliant
with the very high watertightness class IP6K9K.

## Applications

› Camera

## Technical Information

**Electrical**

| | |
|---|---|
| System | Coax & power supply |

**Mechanical**

| | |
|---|---|
| Material | acc. to customer requirements |

**Environmental**

| | |
|---|---|
| Temperature range | -40 °C up to +105 °C |
| Watertightness | IP6K9K |
| Qualification according to | LV 214 component |

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# 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

Do you have any questions or need a data transmission solution in vehicles?
**Please contact us: product-info@md-elektronik.com**

**www.md-elektronik.com**