

ADTCon-MC M

Your Advantages

- › Optimised design reduces the risk of short circuits
- › Design features for optimized high-frequency transmission
- › Extremely robust connection between connector and cable
- › Saves up to 70% of installation space (compared to standard FAKRA)
- › Automated assembly with automated process monitoring
- › Interface and housing compatibility with MATE-AX
- › Component tested according to LV 214 / USCAR

Technical Information

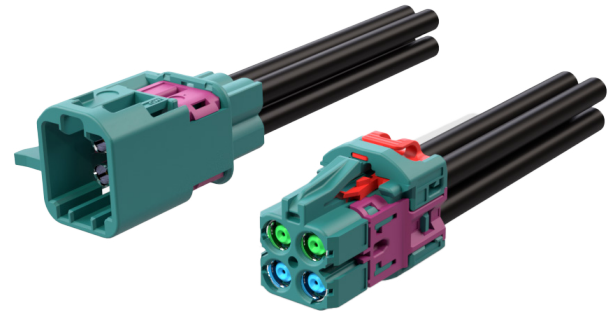
Electrical	
Screening attenuation	≤ -50 dB up to 9 GHz
Return loss	≤ -12 dB up to 9 GHz
Crosstalk (NEXT)	≤ -50 dB up to 9 GHz

Mechanical	
Engagement force	≤ 55 N
Cable retention force	≥ 110 N (depending on cable)
Angled pull	≥ 75 N
Keying efficiency	≥ 150 N
Dynamic load	Load level 2
Interface	EWCAP 888-U-00X*

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

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* X = different specification for 1-, 2-, or 4-way interfaces



Our USPs

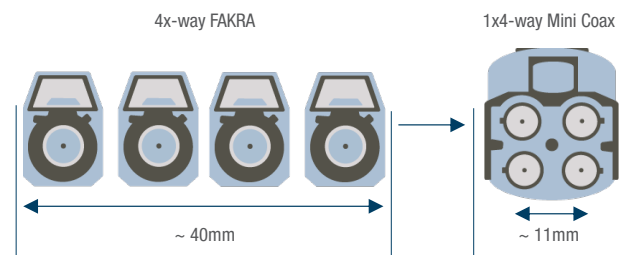
- › Development, production and assembly - all from one supplier
- › Hybrid cable assemblies (FAKRA (ISO 20860-1) – Mini Coax)
- › Assembly of different cable types such as: RTK031 and RG174
- › Customer-specific solutions possible
- › Globally standardized machinery and processes

Applications

Autonomous driving (LiDAR)	Rear seat entertainment
Driver assistance systems	Surround view
Display applications	V2X applications

Protocols & Signals

LVDS	GMSL / FPD-Link
APIX	CoaXPress
AM / FM / 5G	Bluetooth / Wi-Fi
GPS	MIPI A-PHY





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



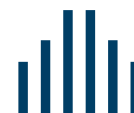
Globally Accredited Test Laboratories

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