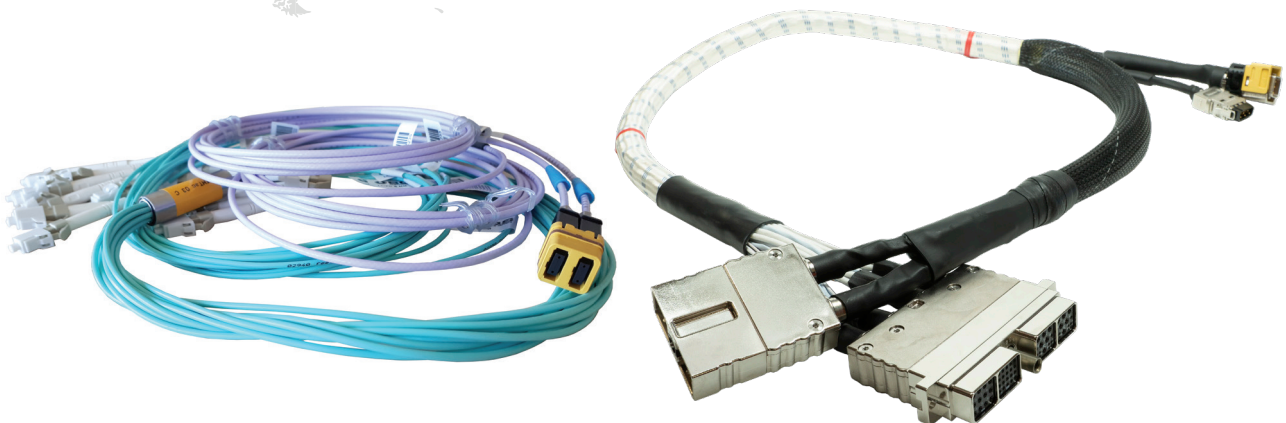




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# Electrical and optical cable assemblies

All markets



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**Amphenol Air LB**  
Your Satisfaction. Everyday. Everywhere.

# PRESENTATION

Amphenol Air LB, specializing in electrical and optical interconnect systems, as well as attachment systems and wiring accessories, extends its expertise in the field of electrical and optical cable assemblies.



➔ Are you interested in a **turnkey solution**,  
connectors + cable?

We can offer you our **cable assemblies capabilities**.

Do not hesitate to consult us with:

your plans

your requirements / specifications

- Type of cable used, standard, ref...
- Required protection, shielding, continuity, mechanical protection required
- Marking
- Length and derivation
- ...

## ■ ADVANTAGES OF OUR CABLING SOLUTIONS

- Reduced integration time -> **Time saving** ⌚
- One part number and one provider only to manage -> **Supply chain simplification** 🌐
- **Customized and stable solutions** 👍

## ■ MARKETS

- Commercial aerospace
- Defence
- Railway
- Industry
- Nuclear
- Space

## ■ TYPES OF ENVIRONMENT

- High temperature
- Electromagnetic shielding
- In immersion
- Fluids resistance
- Use in altitude
- Vibrations

# OUR TYPES OF CABLE ASSEMBLIES

We offer you several types of cords:

- Data transmission
- Ethernet networks
- Power
- Optical fiber
- RF, coax...

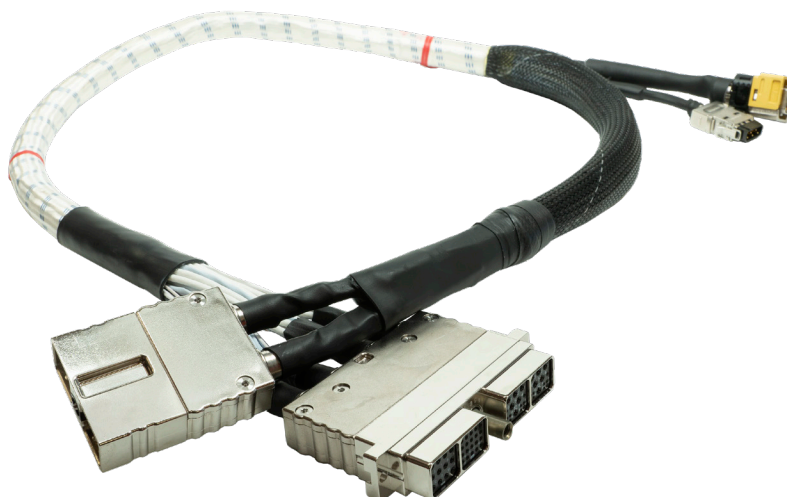
With different types of connection:

- Receptacle, plug and accessories
- Feedthru
- Machined specific receptacles
- Specific integration
- ...

## **SOME EXAMPLES OF ELECTRICAL CABLE ASSEMBLIES**

In: SIM connector 4 modules serie 2  
composite

Out: SIM connector 2 modules serie 2  
composite + SIM Monomodule connector  
+ ASR connector



SIM monomodule connector /  
RJ45 connector + cord

In: ASR female plug

Out: ASR male plug +  
male connector 3559



## ■ SOME EXAMPLES OF OPTICAL CABLE ASSEMBLIES

We can provide optical cable assemblies integrating:

- Elio modules for contacts EN4531-101
- Luxcis modules for contacts EN4639-10x (multimode) / EN4639-30x (monomode) or ARINC 801
- MPO modules for connectors IEC61754-7
- SIMTac 03 modules for Ferrule MT connector
- SIMTac 08 modules for Ferrule MT gauge 8 contacts
- Modules fitted with size 16 SII Luxbeam contacts
- LC connectors IEC61754-20
- SC connectors IEC61754-4
- ST connectors IEC61754-2
- FC connectors IEC61754-13
- Transceivers SCFF-1TRx (Amphenol AOP), Leap OBT 12TRx (Amphenol AOP), Quad conv (Amphenol AAO)

MPO connectors  
+ LC connectors  
+ cords



SIMTac® 03 connectors  
+ LC connectors  
+ cords



SIMTac® 08 connectors  
+ LC connectors  
+ cords



Find all our other products that can be integrated in a cable assembly on  
[www.amphenol-airlb.fr](http://www.amphenol-airlb.fr)