

Airfield Lighting Cable Systems

Withstanding corrosive environment

Edition 2009



Airfield Lighting Cables and Cable Systems

Withstanding corrosive environment with salt and chemicals

The airfield cables and connectors are specially designed to withstand the harsh environmental conditions on airfields.

HUBER+SUHNER tested the resistance of the airfield cables against critical chemicals such as kerosene, fire extinguishing foam, de-icing liquids and modern laboratory on request.

The designs of our products are based on the specifications of airport planners and meet the requirements of airfield lighting and transformers suppliers. We produce complete cable systems for quick and easy installations and reliable performances.

Benefits

Technical

- All components are free of halogen
- System resists de-icing liquids, kerosene and other typical chemicals on airports
- Watertight connection (IP67)
- High temperature range
- From -40 up to 90°C / -40 up to 194°F
- 100% pre-tested assemblies
- Tension relief

Installation

- Fast and easy installation
- Customer specific marking on request
- Failure safe installation



Product Range

For runway and taxiway lighting, the following standard products are available

Secondary airfield components

- 2 pole female/male connector (acc. To FAA L823 Style 1/7)
- 4 pole female/male connector
- 5 pole female/male connector with ground contact
- Other connector types under progress
- Plug/receptacle field assembly kits
- 2 up to 5 core cables with cross-section from 1 mm² up to 6 mm²
- Other dimensions on request

The cables are available with:

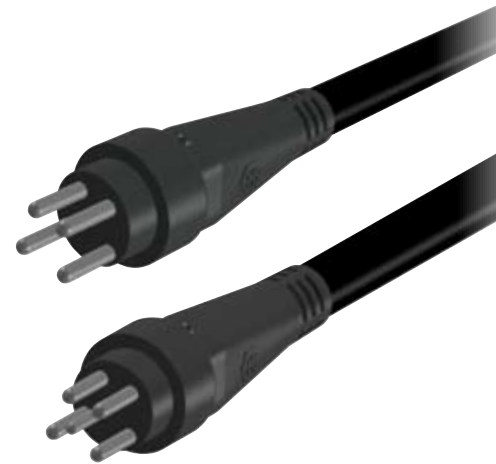
- Moulded connector with desired cable lengths, free cable end
- Or equipped according to customer requirement
- Extension cables with moulded plug and receptacles in desired cable lengths
- Cable in desired lengths up to 250m or on request

The properties of TPU are:

- Withstanding the extremes of arctic cold and desert heat
- Withstanding corrosive environment with salt and chemicals
- Tear and cut-through resistance
- Endurance and flexibility

References/Recent Projects

- Zurich Airport 6th Extension CH
- Genève Gointrin Airport CH
- Altenrhein Airport CH
- West Midlands Airport GB
- Birmingham Airport GB
- Munich Airport D
- Hamburg Airport D
- Oakland Airport USA

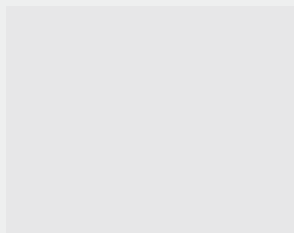


«The airfield cable systems are built with TPU-cables and TPU injection moulded connectors.»

HUBER+SUHNER is certified according to
ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

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It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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