Fibre Optics

Discover the power of fibre optics with LAPP

The world of data communication is changing rapidly and the demand for efficient transmission is constantly increasing. In the course of this change, communication is becoming more and more important, both in industry and in the private sector. Speed, reliability and innovation – Whether for telecommunication, data centres or industrial applications – we offer you the tailor-made solution for your requirements. Immerse yourself in a new era of connection and be ready to take your business processes to the next level. The solution lies in fibre optic cables that can transport high data volumes over long distances.

Fibre optic cables open countless possibilities, such as the performance of your data connection and the networked future for your company.

Benefits:

- **Space-saving:** Thanks to the small diameter of fibre optic cables, you save space and have the freedom to optimally design your infrastructure.
- **High data rates:** With fibre optics you achieve efficient production with fast/synchronous communication at very high data rates.
- **Long range:** Overcome impressive distances between your facilities without sacrificing performance.
- **Confidence in security:** Resistance against electromagnetic interference and increased tapping security make fibre optic cables the safe choice for protecting your sensitive data.

EPIC® DATA FFC-LC-Connector — Fibre assembly

Discover our LC-connector! Perfect for GOF fibre cables, our FFC system allows effortless on-site assembly.
Discover our How-To Video
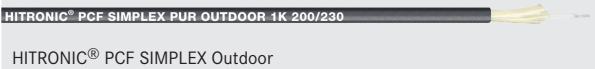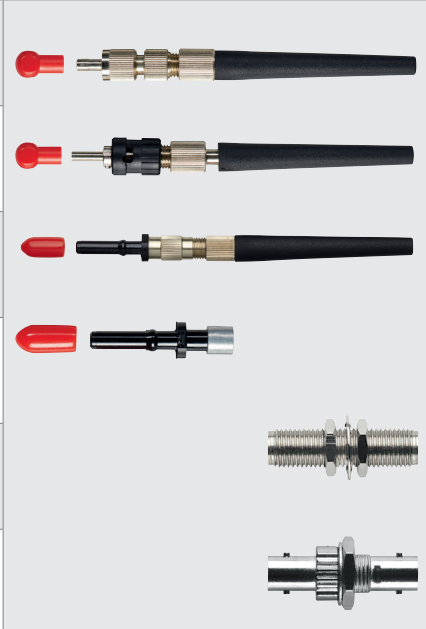
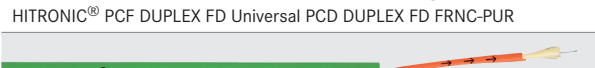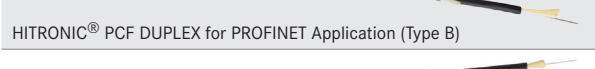**EPIC® DATA FFC-SC-Connector — Cable assembly**

Discover our innovative SC-connector, perfect for GOF fibre cables. Thanks to the FFC system, you can easily adapt it on site.
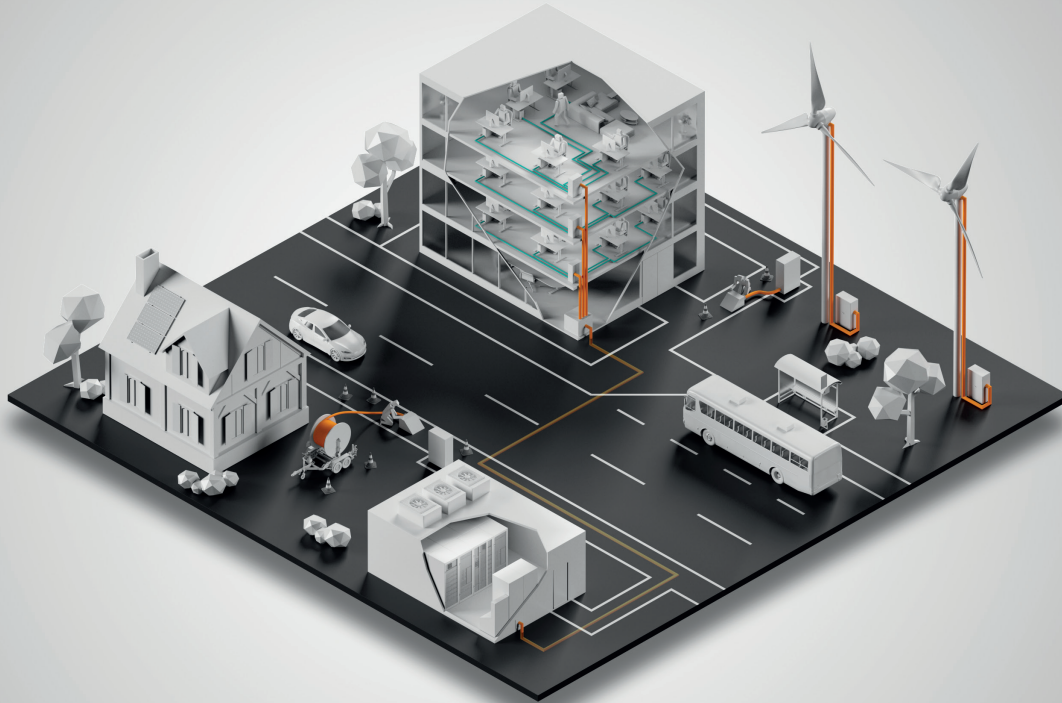**Discover our How-To Video**

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HITRONIC® POF–Portfolio

Cables	Fixed Installation	Continuously flexible Application	Connectors and adapters
HITRONIC® POF SIMPLEX PE	✓	–	
HITRONIC® POF DUPLEX PE	✓	–	
HITRONIC® POF SIMPLEX PE-PUR	✓	–	
HITRONIC® POF DUPLEX PE-PUR	✓	–	
HITRONIC® POF DUPLEX Heavy	✓	–	
HITRONIC® POF SIMPLEX/DUPLEX FD PE-PUR	–	✓	
HITRONIC® POF DUPLEX for PROFINET Application (Type B)	✓	–	
HITRONIC® POF DUPLEX for PROFINET Application (Type C)	–	✓	

HITRONIC® PCF–Portfolio

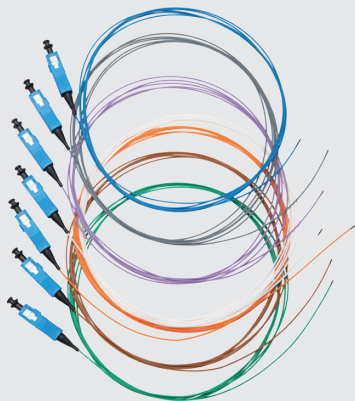| Cables	Fixed Installation	Continuously flexible Application	Connectors and adapters
HITRONIC® PCF SIMPLEX Outdoor	✓	–	
HITRONIC® PCF DUPLEX Outdoor	✓	–	
HITRONIC® PCF DUPLEX Indoor	✓	–	
HITRONIC® PCF DUPLEX FD Universal PCD DUPLEX FD FRNC-PUR	–	✓	
HITRONIC® PCF DUPLEX for PROFINET Application (Type B)	✓	–	
HITRONIC® PCF DUPLEX for PROFINET Application (Type C)	–	✓	

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HITRONIC® GOF–Portfolio

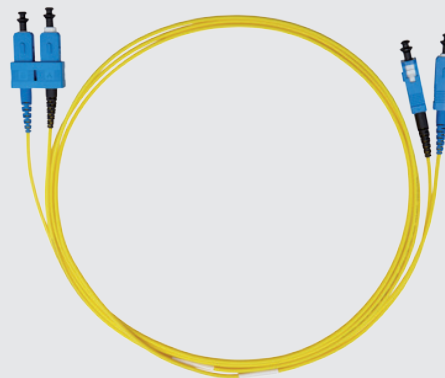| Cables	Application area (I=Indoor, A=Outdoor)	Fixed Installation	Continuously flexible Application	Connectors and adapters
HITRONIC® FIRE	A / I	✓	–	
HITRONIC® TORSION	A / I	✓	–	
HITRONIC® HRM-FD Flexible	A / I	–	✓	
HITRONIC® HDM-Reel	A / I	✓	–	
HITRONIC® HQN Outdoor HITRONIC® HVN Stranded Outdoor HITRONIC® HVN-Mini Outdoor	A	✓	–	
HITRONIC® HQW Armoured Outdoor Cable HITRONIC® HVW Stranded Armoured Outdoor Cable HITRONIC® HQW-Plus Armoured Outdoor Cable	A	✓	–	
HITRONIC® HQA Aerial Cable ADSS HITRONIC® HQA-Plus Aerial Cable ADSS	A	✓	–	
HITRONIC® HUN Universal HITRONIC® HUW Armoured Universal Cable	A / I	✓	–	
HITRONIC® HRH Breakout HITRONIC® HDH Mini Breakout	I	✓	–	
HITRONIC® GOF DUPLEX for PROFINET Application Type B (*) HITRONIC® GOF DUPLEX for PROFINET Application Type C (**)	I	✓(*)	✓(**)	

Tools and accessories

Pre-assembled HITRONIC® fibre optic cables

Standard cable assemblies

Fibre optic cables are available as single or double-sided variants:

Fibre Optic Pigtails

Fibre Optic Patch Cable

Fibre Optic Cable Configurator

Configure your own fibre optic assembly. The fibre optic cable configurator helps you put together your assemblies. Select your desired length, specification and quantity and request your personal quote.

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