

HUBER+SUHNER is an independent Swiss company with manufacturing facilities and sales offices located in 14 countries across Asia, Europe, Latin America, Northern America and Oceania. HUBER+SUHNER is a leading manufacturer of RF, electrical and optical components and systems to the Defence, Communication, Transportation, Railway, Automotive, Solar, Test and Measurement, Broadcast, Aerospace and Industrial markets globally.

With our technical expertise in radio frequency, fiber optics and wire and cable we have established a base for continual innovation and product development in line with advancing technologies and the changing needs of our customers.

RF PRODUCTS

HUBER+SUHNER has years of experience in the design, development and manufacture of RF and Microwave products for the Communications, Defence, Industrial and Transportation markets. The comprehensive range includes RF and Microwave Cables, Coaxial Connectors and Assemblies as well as Antennas, Lightning Protection and Feeder Line Components.

RF Connectors



HUBER+SUHNER is a leading supplier of RF connectors that are designed to meet the PIM performance demanded by the Telecommunications Industry and the standards required by the Broadcast, Defence and Automotive Industries globally.

Our extensive range of connectors extends from subminiature PCB mount to cable and panel mount through to 7/16" connectors. Custom connectors can also be designed and manufactured to meet specific customer requirements.

Coaxial Cables



HUBER+SUHNER develops and manufactures coaxial cables for virtually any application or international standard. Our modern cable production incorporates ongoing analysis during production, constant quality control and the latest finishing methods. Through years of development and manufacturing, we have gained extensive knowledge of coaxial cables.

Our product range includes coaxial cables up to 50 GHz for low loss applications with high power requirements, high temperature cables and flexible or high-flexible microwave cables.

HUBER+SUHNER cables are available as raw cable or as cable assemblies built to your precise requirements and specifications.

Coaxial Cable Assemblies

HUBER+SUHNER can offer you ready-to-use, high performance coaxial assemblies produced using state-of-the-art methods from precisely matching cables and connectors.

Cable assemblies include LISCA (Low Loss Low Intermodulation Soldered Corrugated cable assemblies), Flexible, Semi-Rigid, Form Stable and Hand Formable Microwave cables, Sucotest cables and General Purpose coaxial cables using industry standard components and materials.

Choosing HUBER+SUHNER to build your coaxial cable assemblies offers the following advantages:

- Manufacturing in accordance with internationally recognized standards such as IPC-A-620 and TS 16949.
- Custom assemblies to your specifications
- Product quality and consistency



SENCITY® LINK Wireless Data Link



SENCITY® LINK operates as a point-to-point wireless data link with a data rate of 100 Mbps over a distance of up to 800 m.

Measuring only 16 × 16 cm the SL60-100-57/64-38-E-O operates as a data link in the 60 GHz unlicensed band.

Applications

- LAN extension
- Redundant access
- Campus connectivity
- Disaster recovery
- Wireless backhaul (WiFi, WiMAX, Cellular)
- Centralization of IT infrastructure
- Mesh or hub and spoke configuration

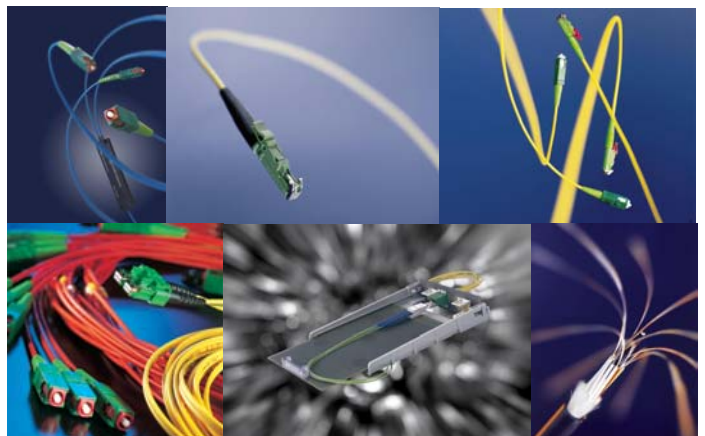
Features

- Single Ethernet cable for data, power and control (Cat 5e)
- License-free operation
- Power over Ethernet according to IEEE 802.3af
- Easy status monitoring via HTML user interface or SNMP

Fiber Optic Products

HUBER+SUHNER Fiber Optics produce a complete range of standard Fiber Optic Connectors, Outdoor Connectors, Field Termination Systems, Fibre Optic Cables and Fiber Management Solutions.

HUBER+SUHNER provide components for Private and Public Networks and Industrial applications including Fiber To The Home.



Antennas

HUBER+SUHNER designs and manufactures an extensive product portfolio of Directional and Omni Directional Antennas for various wireless applications for the Communication, Transportation and Industrial markets.

The HUBER+SUHNER product portfolio covers 806 MHz to 5.8GHz for Indoor and Outdoor applications including Antennas for:



- Indoor DAS
- WiFi coverage for Office, Industrial and Warehouse
- RFID Portal and Forklift Antennas
- WiMAX Base Station, Backhaul and Subscriber CPE equipment
- Vehicle-mounted Exterior and Interior Antennas for Public Transportation

Lightning Protectors



HUBER+SUHNER Lightning Protection components are available for applications from DC to 18 GHz. Our Lightning Protectors can safely protect vulnerable, expensive and important electronic equipment preventing damage, loss of revenue and down time. Our product portfolio includes protectors for almost every RF application and Data Line including:

- Mobile communications systems and bands, i.e. GSM 900/1800, PCS 1900, UMTS/3G, TDMA, CDMA
- Special mobile radio/PMR, trunked radio, i.e. TETRA, IDEN
- Wireless broadband access systems
- Point-to-Point and Point-to-Multipoint radios
- GPS Navigation and timing
- Paging
- CATV and video surveillance
- Radar

Protection Technologies

- Quarter-wave shorting stub (also available with additional high-pass filter)
- Gas tube (also available with additional high-pass filter/DC block)
- Hybrid Fine Protectors (with DC bypass, for sensitive electronics)

Feeder Line Components



HUBER+SUHNER Power Splitters are low loss reactive splitters for the distribution of RF signals to radio transceiver antenna systems including radiating cables. The RF power is evenly split to all outputs with excellent amplitude and phase balance.

The Quick Fit and Smart Quick-Fit connectors for Corrugated Coaxial Cables offer a greatly simplified approach to cable preparation and assembly and offer IP68 ratings and excellent PIM performance.

Test and Measurement Components



RF components for the Test and Measurement market include:

- Attenuators
- Terminations
- DC Blocks, Impedance Matching Pads and Resistive Power Dividers
- MCX/MMCX Test Kits
- Inter Series Adaptors

RADOX® WIRE + CABLE

HUBER+SUHNER offers a wide range of cables for different applications and market segments. The development and production of compounds as well as the design and manufacture of wires and cables are performed to the highest standards in Switzerland.

Our RADOX® cable offers excellent high and low temperature performance, high abrasion resistance, high resistance to oils, battery acids, engine coolants, diesel, ozone and weathering. RADOX® material is Low Smoke Halogen Free and flame retardant, this makes it suitable for use in Transportation, Military, Emergency Lighting, Fire Alarm Systems, Emergency Evacuation Systems and Automotive Applications.

The RADOX® Electron Beam Cross Linking process produces an insulation material with outstanding performance.

Whether you are looking for a Custom or Hybrid solution or a reliable cable for a common application HUBER+SUHNER can offer you an extensive range of cables and approvals. HUBER+SUHNER manufacture and supply cables for the Defence, Automotive, Transportation, Railways, Industrial, Solar, Marine and Coil Winding markets.



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