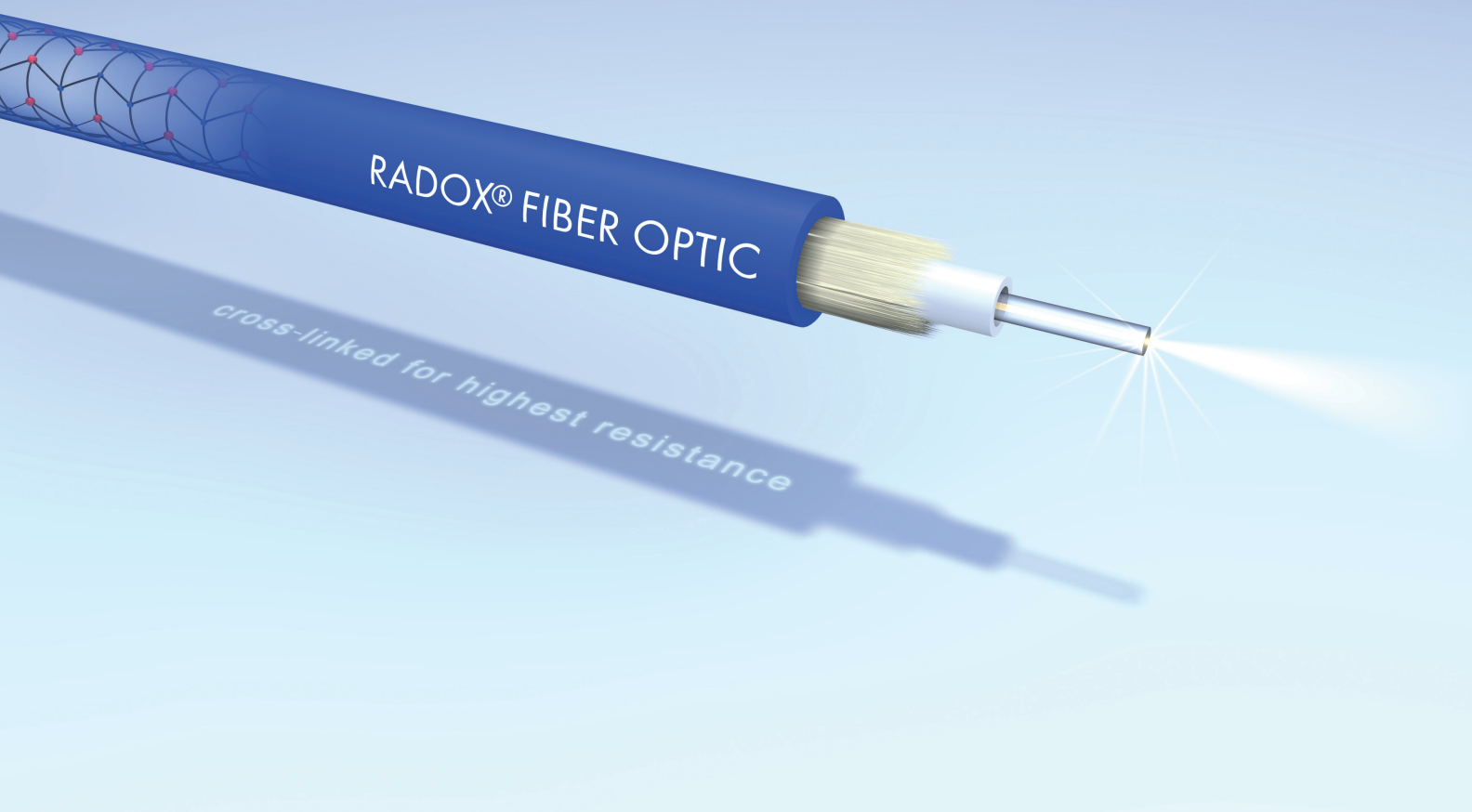


RADOX® Fiber optic cable

The revolution for industrial connections



Reliability in extreme environment

The brand RADOX® stands for insulation materials developed by HUBER+SUHNER. They are particularly resistant against thermal, chemical, electrical and mechanical loads. Thanks to a new crosslinking process all those features now are implemented also with fiber optic cables.

RADOX fiber optic cables combine all strengths and are superior to conventional fiber optic cables in regards to most of the features. It is the perfect solution for challenging industrial and safety applications.

RADOX® multi-fiber loose tube cables

Features

- Halogen and metal free (acc. to EN 50264-1)
- Meets LSFH™ properties
- Broad working temperature range (-40 to +85 °C)
- Resistant against temperature peaks (up to +200 °C)
- No deformation, no bonded joints and small shrinkage of cable jacket
- High abrasion resistance
- Good resistance against ultraviolet rays and ozone
- Best resistance against liquids (incl. oil and SHF Mud)
- Excellent fire behaviour (incl. circuit integrity during 180 minutes)
- Lowest toxicity (conform to prEN 45545)
- Excellent bending performance at low temperatures
- For easy installation with small bending radii
- Longevity in harsh environment conditions

Cable design

- 2 to 24 glass fibers in loose tube
- Glass roving for strain relief and rodent protection
- RADOX cable jackets, electron-beam cross-linked, Ø 8.5 mm

Applications

- Rolling stock
- Oil and gas platforms
- Ships
- Tunnels
- Underground train stations
- Manufacturing and processing plants
- Sensors
- Security and defence systems



HUBER+SUHNER AG
Fiber Optics
Degersheimerstrasse 14
9100 Herisau/Switzerland
Phone +41 71 353 4111
Fax +41 71 353 4444
hubersuhner.com

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

Waiver
Fact and figures herein are for information only and do not represent any warranty of any kind.