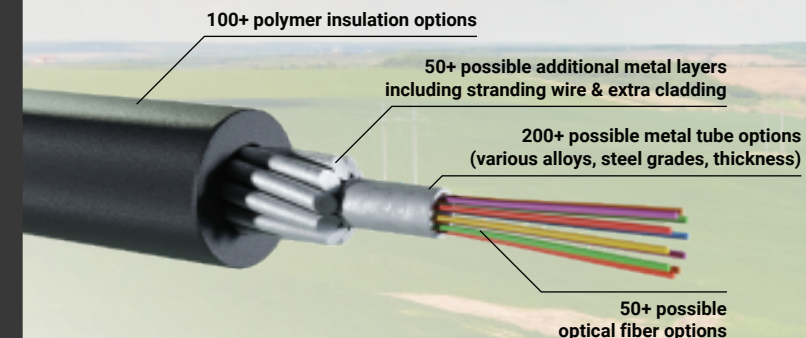


Energy is changing.
We're helping the transition.

Fiber optic solutions for

Geothermal Energy Renewable Energy
Carbon Capture and Storage Subsea
Optimized Oil & Gas Production Smart Grid



Interested in what the added value of fiber optics could be for your industry?

Get in touch with us at: office@nbg.tech

Improve efficiency.

Ways our products propel the transition to new Energy:

Geothermal Energy

- Acquire acoustic, strain & temperature data
- Get accurate insights about the reservoir
- Ensure minimal environmental impact



Offshore Wind

- Accurately monitor temperature in real time
- Monitor umbilical cable integrity
- Monitor seismic activity



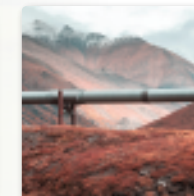
Carbon Capture and Storage

- Collect high-accuracy pipeline integrity data
- Characterize storage size prior to injection
- Monitor cap rock stability



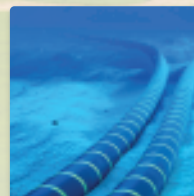
Oil & Gas

- Increase production of existing wells
- Optimize well intervention
- Acquire accurate reservoir characteristics



Subsea

- Accurately monitor temperature in real time
- Provide high bandwidth for data transmission
- Accurately localize faults in real time



Smart Grid

- Localize faults with pinpoint accuracy
- Monitor temperature for surplus distribution
- Increase ROI with data transmission



Your key contacts at NBG



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<https://nbg.tech>

Why our clients choose us



Austrian manufacturing



Award-winning products



Certifications ISO 9001, EN ISO 14001, ISO 45001



Agile processes



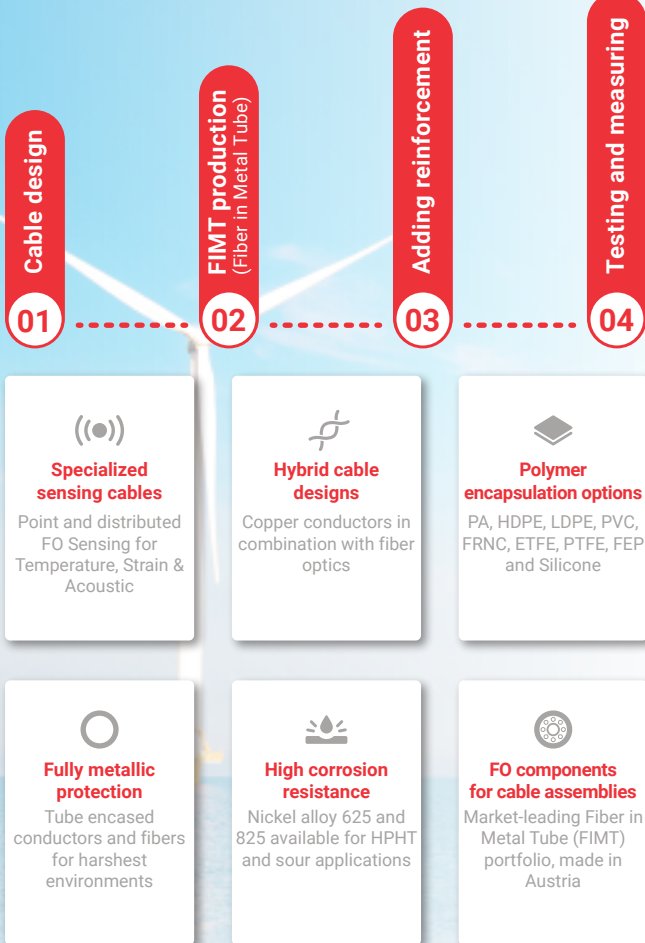
Rapid & specialized production



Over 25 years of experience in fiber optics



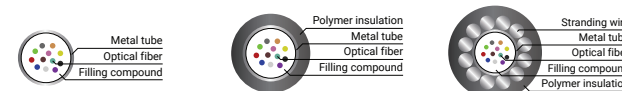
Independent manufacturer



Unlimited design options

All our products are **custom**. Every cable or cable component is **built to spec** for the job at hand. A multitude of alloys, stranding options, fiber counts/types, and conductor sizes are available for a combined total of more than **80,000** possible configurations. Below are **just a couple of example** cross sections for the Energy industry.

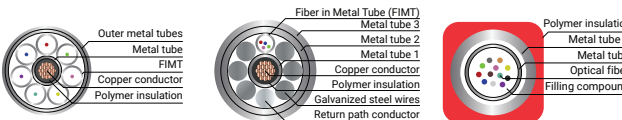
FIMT and FO elements for HV/MV, Umbilical, and Subsea cables



Fiber Optic Sensing Cables for DTS, DAS, DSS, DTSS



Cables for Downhole O&G, Geothermal and CCUS



Supporting energy transition and innovation with fiber optics

Technology for a cleaner and safer future