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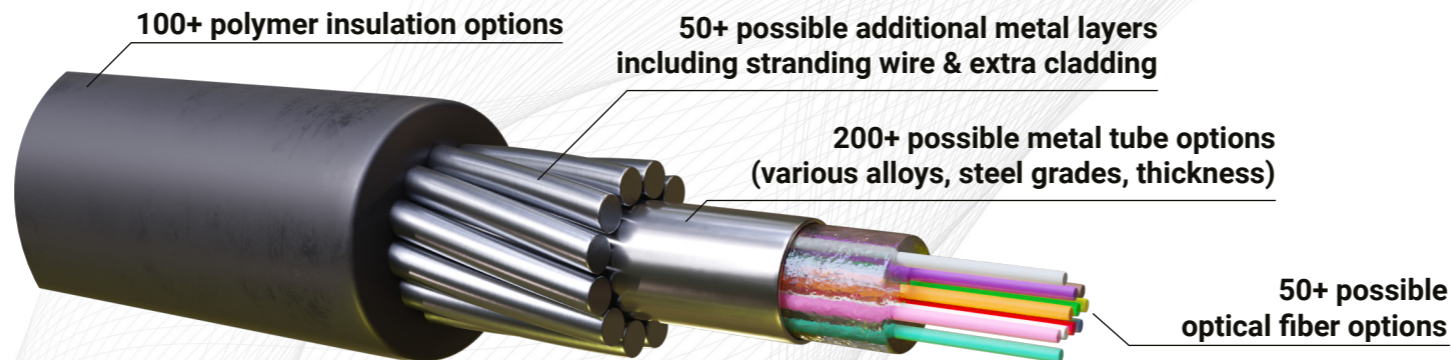
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Engineered cables for secure infrastructure



NBG: The driving force



Independent producer of FIMT with 30 years of expertise and know-how



Certifications EN ISO 9001, EN ISO 14001, ISO 45001, ISO 27001



High production capacity of over 24,000 km per year



High-fiber-count solutions with up to 192 fibers per tube



Continuous cable length up to 75 km



Cables operating from -200°C to +500°C



Reliable partner for sustainable, long-term collaboration

Find out more: www.nbg.tech



Safeguarding critical infrastructure

Fiber Optic Components and Cables for

Energy & Subsea

Pipeline & Borehole

Telecom & Data Centers

Security & Defense



www.nbg.tech



Fiber Optics: Supporting every aspect of critical infrastructure

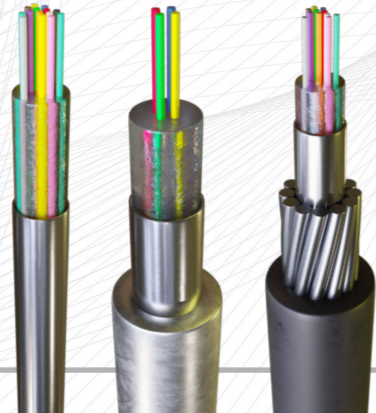
Energy & Subsea



Integrated fiber optics in power and subsea cables enable real-time monitoring, higher capacity, and reliable data transmission – boosting efficiency, scalability, and network resilience.

Key functions:

- Power management
- Reliable data transmission
- Early sabotage warning
- Harsh environment operations



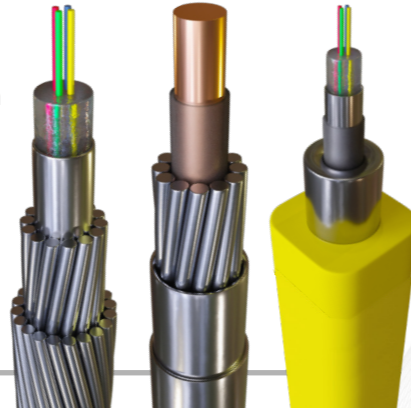
Pipeline & Borehole



Durable fiber optic & conductor cables provide real-time monitoring of pipelines and boreholes – detecting temperature, seismic, strain, and leaks while ensuring long-term reliability and operational safety.

Key functions:

- Pipeline leakage & manipulation detection
- Predictive maintenance
- O&G, geothermal, LNG, hydrogen
- Borehole temperature, seismic, strain & pressure data



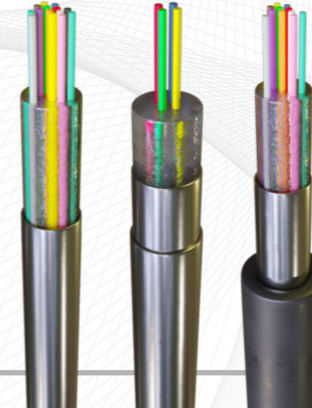
Telecom & Data Centers



Harshest environment fiber optic cables for telecom and datacenter networks – securing reliability and preventing interruption of critical communication.

Key functions:

- High secure data center designs
- Withstand harshest environments
- Operations from -200° to +500°
- Highest fiber count in subsea telecom



Security & Defense



Fiber optic sensing enhances security and defense systems – enabling real-time monitoring, early threat detection, and reliable communication in critical environments.

Key functions:

- Intrusion & perimeter monitoring
- Detection of land & sea activities
- Protection of infrastructure & cable networks

