

Improve well intervention efficiency

Cables & cable components for real-time













- Temperature sensing
- Pressure sensing
- Flow measurement
- Gamma ray logging
- Cable tension measuring

Our products are used in




- Oil & Gas
- Geothermal
- Hydraulic fracturing
- Carbon capture and storage









Stats and figures on production

 Diameter 1.1 - 7.0 mm 0.033 - 0.275 in	 Wall thickness 0.125 - 0.30 mm 0.005 - 0.012 in	 Maximum length 50.000 Meters 165.000 Feet	 Metallic tube Inert gas protection Pressure tight weld	 Filling compound Up to 300°C Up to 572°F	 Polymer layers High variation Tiny tolerances
 Wire elements 0.2 mm upwards 0.008 in upwards	 Fiber count max. 144 (250µm) max. 192 (200µm)	 Capacity 20000 km per year 65600 kft per year	 Fiber coloring guide dif. Standards Tube labeling	 Other components AWG wires Sensor Fibers	 Technical support Fast service On-demand product development

Your benefits

 Suitable for sour environments Our incoloy outer layers ensure unmatched protection against corrosion which increases the lifetime of the cable and decreases the chance of lost tools.	 High tensile strength for deep wells Additional layers of stranding can be added to any configuration to compensate for any potential reduction in breaking strength due to incoloy usage.	 Increased lifetime of cables and cable components Additional protective layers such as steel and basalt (volcanic rock) can drastically increase the asset's lifetime, increasing the number of runs even in horizontal drilling.
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Your key contacts at NBG

 Tom Seidl Chief Executive Officer ✉ t.seidl@nbg.tech ☎ +43 664 886 252 98	 David Laister Area Account Manager ✉ d.laister@nbg.tech ☎ +43 664 886 252 85
 Mark Bauer Area Account Manager ✉ m.bauer@nbg.tech ☎ +43 664 886 25 287	 Obaydh Salameh Area Account Manager ✉ o.salameh@nbg.tech ☎ +43 664 851 83 12
 Patrick Breinessl Area Account Manager ✉ p.breinessl@nbg.tech ☎ +43 664 782 54 672	 Reilly Foes Area Account Manager ✉ r.foes@nbg.us ☎ +1 (713) 534-3989

NBG Systems GmbH

office@nbg.tech
+43 2852 30412
Zweiländerstraße 1, 3950,
Gmünd, Austria

NBG Fiber Optic Corp.

sales@nbg.us
(855) NBG-CORP (624-2677)
2950 North Loop W Fwy Svc Rd,
Houston, TX 77092, USA



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

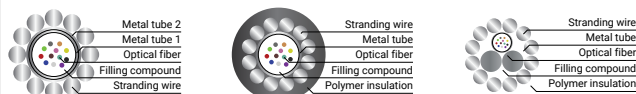


Independent manufacturer

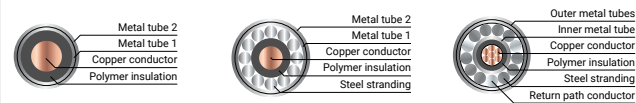
Unlimited design options

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 well intervention.

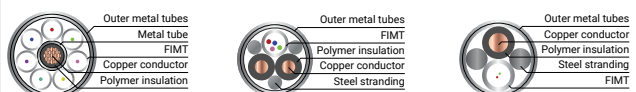
Optical cable examples



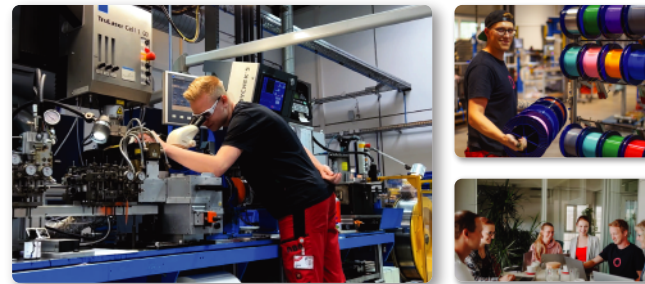
Electrical cable examples



Hybrid cable examples



Unprecedented production quality



Some of our award winning, innovative products

Unique mechanical properties

Volcanic rock layer for maximum flexibility and strength



Superior acoustic sensing

Perfect fiber coupling for a 30% better acoustic signal



Cables & cable components for real-time downhole data acquisition

Fiber in Metal Tubes for

Wireline

Slickline

Coiled Tubing

