

Norddeutsche Seekabelwerke GmbH

Company Profile



NORDDEUTSCHE SEEKABELWERKE GMBH (NSW)

Norddeutsche Seekabelwerke GmbH (NSW) has been manufacturing underwater cables for over a century. NSW was already laying its first submarine tele-communications cable in 1904, approximately 7,993 km in length.

After NSW was founded in 1899 by Felten & Guillaume and the Deutsch-Atlantische Telegraphengesellschaft, Siemens became one of its major share holders in 1931, and acquired the remaining stock in 1995. In 2000 NSW became a subsidiary of Corning Cable Systems. Since 2007, NSW has been a 100-per- cent member of the General Cable Corporation (NYSE:BGC) and became the competence center for submarine cables for the General Cable Group.

NSW is one of the world's leading companies for the production and installation of submarine power cables, repeaterless and repeated fiber-optic submarine cable systems, custom-made underwater cables for the offshore industry as well as aerial cable systems for back haul terrestrial telecommu- nications applications. NSW also develops and manufactures plastic and environmental products for a broad range of applications.

The General Cable Corporation is one of the Fortune 500 com- panies, a world leader when it comes to developing, designing, manufacturing, marketing and selling copper, aluminum and

glass-fiber cables plus products in the energy, industrial and telecommunication sectors.

NSW benefits not only from Gen- eral Cable's profound expertise but also from its global reach in the wire and cable industry. Qual- ity, state-of-the-art technology and customer focus are General Cable's top priorities.

NSW's research-and-development and product management teams work in close cooperation with General Cable's experts as well as leading engineering companies to create state-of-the-art solutions, individually designed according to the customers' needs.

Quality and quality assurance have always been and will continue to be key elements of NSW's activities. NSW established, documented, introduced and maintains an integrated quality management system according to the stan- dards ISO 9001, ISO 14001 and OHSAS 18001, each of which has been certified and is reviewed regularly for effectiveness by DNV GL Business Assurance Zer- tifizierung und Umweltgutachter GmbH auditors.



NSW® Submarine Power Cables

These cables are designed for various medium and high voltage applications, e.g. for offshore wind farms, the oil & gas industry, island connections, static tidal and wave power applications as well as lake and river crossings. NSW's experienced project implementation team offers installation capabilities to meet even the most challenging requirements of inter-connection, export and infield sea cable projects.



NSW® Submarine Telecom Cable Systems

NSW supplies repeatered and unrepeatered cables & cable systems, with a fiber count up to 144,



for water depths up to 8,000 m. NSW's highly experienced engineering and project implementation team offers turnkey cable projects as well as tailor-made solutions for the telecommunications as well as oil and gas industry.

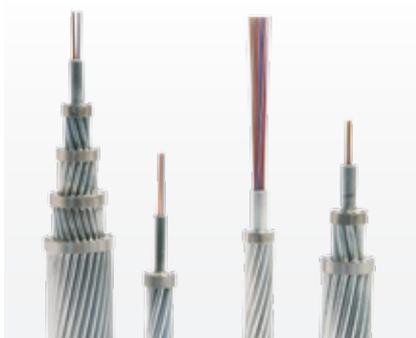
NSW® Offshore and Special Cables

NSW is a leading supplier of customized umbilicals for static and dynamic underwater applications. This includes custom-made umbilicals for Remote Operating Vehicles (ROV), for geophysical-seismic research applications as well as power and control umbilicals for platform connections. NSW also offers netsounder cables for midwater trawling sonar.



NSW® Aerial Cable Systems

NSW provides and implements high-quality optical ground wires (OPGW) for long distance high-voltage power transmission lines. NSW® Optical Ground Wires offer an optimal ratio between weight,



tensile strength and electric performance (e.g. lightning). NSW has supplied more than 70,000 km of OPGW worldwide.

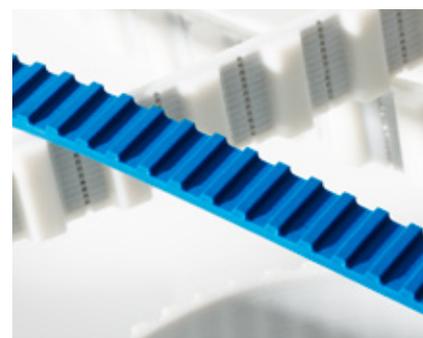
NSW® Winding Wires

Single-core or multi-stranded copper conductors with ultra-high stress insulation. Standard applications include agricultural irrigation systems, water supply and treatment and booster stations. Special applications cover fire-fighting systems for oil-and-gas platforms, deep-sea applications or circulation pumps in power plants.



Plastic and Environmental Products

NSW's plastic products include extruded nets and grids for surface protection and packaging as well as grid tubing and various types of belts for industrial applications. Additionally, NSW supplies environmental products such as plastic surface support materials for biological wastewater treatment, tower packing material for water treatment and gas scrubbers, as well as filtration systems.





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