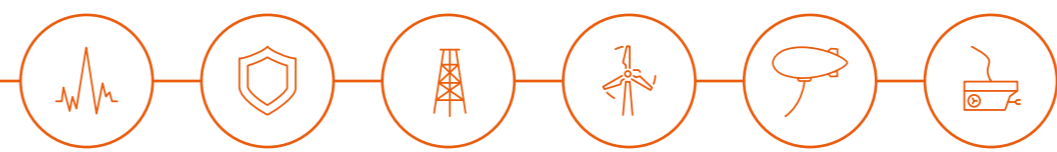


Rethink



A SERCEL COMPANY

Rethink before choosing your cable manufacturer. Refuse to settle for less: be bold! Challenge DeRegt and discover a world of innovation, craftsmanship combined with excellent service and round-the-clock support, all based on 90 years of innovative design and manufacturing of high-quality cable solutions. Thanks to continuous investment



in research and development, as well as our own in-house testing facilities,

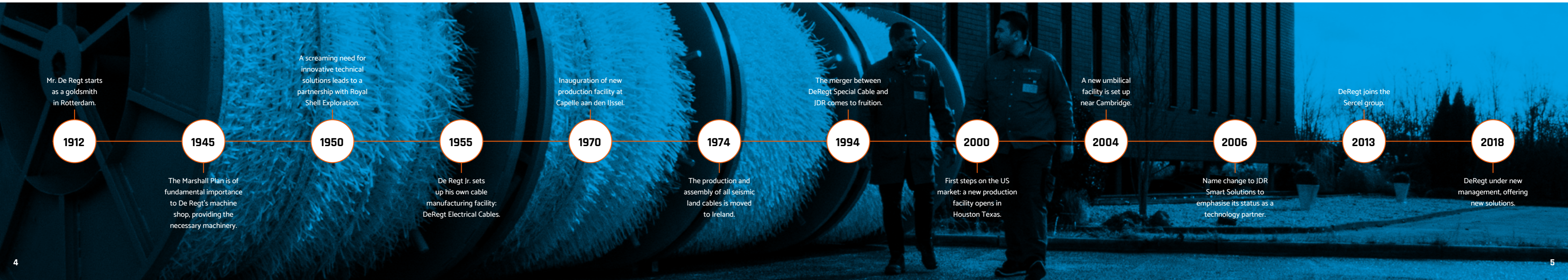
we provide future-proof solutions to our clients worldwide. Our in-depth understanding of our products, engineering insight and solution-driven mentality make us the right partner for the design, development and delivery of fully qualified cable solutions. Challenge us and discover how **Re-thinking** pays off.

Reputation

Quality, craftsmanship and innovation are the three pillars that have made us leaders in the development and manufacture of high-quality cable solutions for the past 90 years.

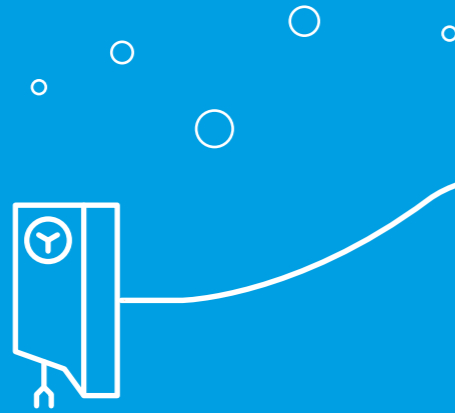
History

We have built quite a reputation in the fields of design studies, trial product development, and qualification tests for your applications. Team up with DeRegt: our reputation will open the door to the next level in cable solutions.



Research

Our factory in Krimpen aan de Lek, near Rotterdam, features all state-of-the-art equipment and boasts its own testing facility for qualification testing, continuous cycling, breaking strength testing and electro-optical monitoring. Whether you're looking to improve product lifespan, seeking the best value for money, or aiming to develop new, innovative technologies: DeRegt lets you get ahead.



To make sure that our customers stay ahead of the curve, we constantly invest in research & development, the engine behind our innovations in the field of high-quality cables and terminations. This approach lets us take your project to the next level, from the immersive depths of the arctic seas to the blue skies of the far east.

deeper

higher

The development of lighter cables enables you to go even **deeper** and **higher**.



Mission

From our Dutch HQ, we provide future-proof technical solutions based on the specific needs of our clients. Our well-trained people are there to provide bright ideas, great products and excellent service. We deliver outstanding technical solutions for our clients around the globe. Challenge us and we will prove that we can provide the best possible solution for your specific challenge.

Solutions



DeRegt delivers the best possible solution for any given situation: from the immersive depths of the Arctic seas to the blue skies of the far east. We provide custom-engineered cable solutions that are built to last to all markets, ensuring maximum performance over many years. Our products range from umbilical subsea cables to tethers for balloons. For each challenge we can provide a tailor-made solution.

When we sit down with our customers to discuss the wide range of options we have to offer, we start off with concept designs (free of charge) to help decide how our solution can meet the customer's requirements. Our experienced engineers like being challenged and have managed to tackle a great deal of challenges throughout their careers. As such, we already have numerous ready-made designs at our disposal, which have proven to yield excellent results. To give you an impression, we have highlighted a few of our designs on the following pages.

Cable solutions
that challenge
the status quo

Rethink



A SERCEL COMPANY



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Seismic



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Defense



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Oil & gas



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Renewable energy



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Aerostats UAV



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ROV

Cable solutions

An aerial photograph showing the wake of a ship moving through the ocean. The ship's hull is visible on the left side, and several bright orange buoys are strung across the wake, extending from the ship towards the right. The water is a deep blue, and the wake is filled with white foam and churning water. The perspective is from a high angle, looking down at the ship's path.

Seismic

**Made to lead
the way**

Seismic

Made to lead the way



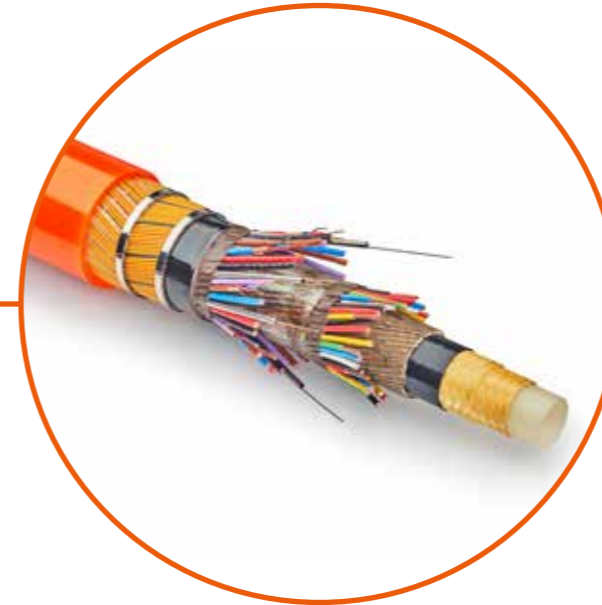
All lead-in seismic cable terminations and fairing applications are performed in-house, which enables us to provide our clients with turn-key solutions. For new applications, we have experience in performing design studies, developing trial products and running qualification tests. As a result, DeRegt is capable of producing increasingly light cables with ever smaller diameters.

Seismic lead-in



- Breaking strengths from 250 kN till 600 kN
- Torque balance optimized design
- Various types of fairing setups

Analog Airgun umbilical



- Qualified for all source systems
- Hose sizes from 3/4" to 1.25"
- Burst pressure reinforced hose over 800 bar
- Optimized to minimize outer diameter

Digital Airgun umbilical



- Qualified for all source systems
- Hose sizes from 3/4" to 1.25"
- Burst pressure reinforced hose over 800 bar
- Optimized to minimize outer diameter

Defense

Conquer with **striking innovation** and long-term durability

The M-fregat Zr. Ms. Van Speijk during the military exercise Joint Warrior in Scottish waters (April 2014).

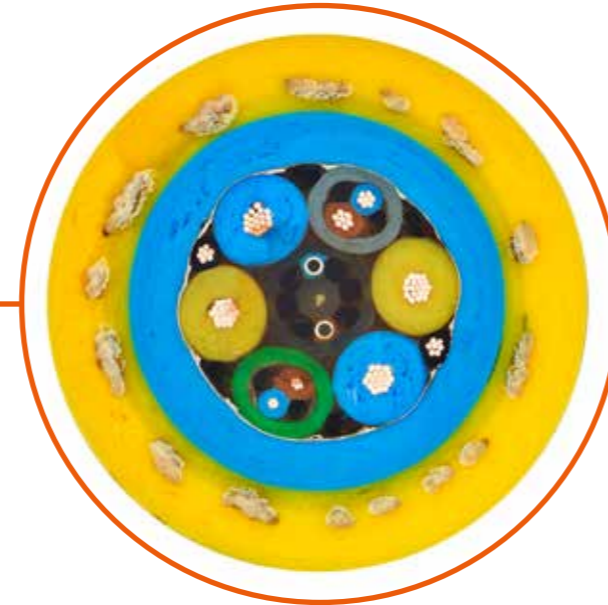
Defense

Conquer with striking innovation and long-term durability



Made to master the seas with striking innovation and long-term durability: our innovative cables serve navies worldwide. We are one of a select few cable manufacturers who can combine several types of high-strength components in a single group, resulting in maximum drag reduction and tow strength. These systems are ideal for operations that require swift deployment and high reliability.

Lightweight tether cable



- Light weight design
- Aramid strength member
- Designed for deep water application

Remotely operate vehicle tether cable for a Mine Counter Measure system



- Neutrally buoyant
- Includes electrical and optical components
- Flexible and small diameter design

Tow cable



- Flexible tow cable
- Electro optical components
- Lightweight braiding

Oil & gas



World class
in Oil & gas

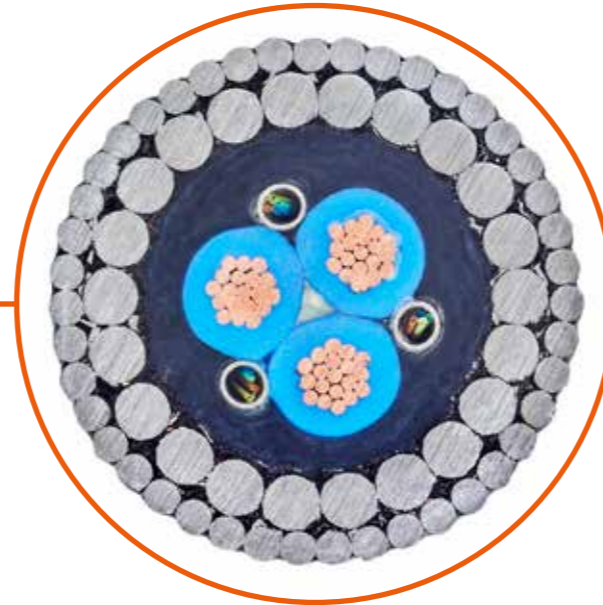
Oil & gas

World class in Oil & gas



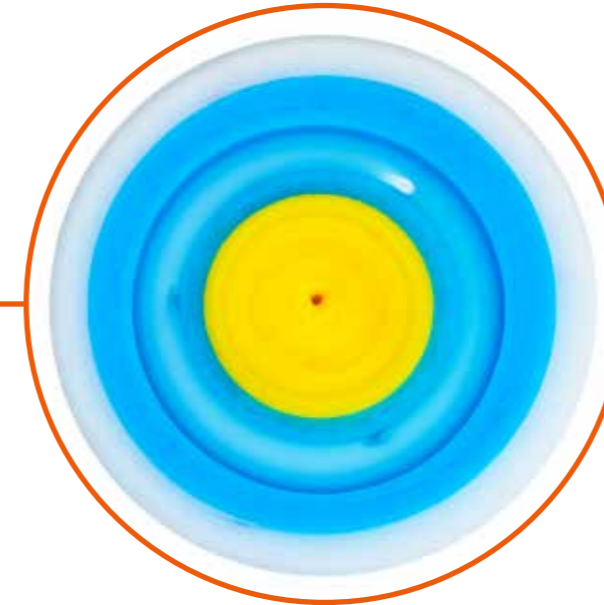
Our intelligent subsea solutions such as blow-out preventers, ROV umbilical cables and fiber-optic monitoring sensors provide an element of dependability in a fast-paced environment. Our engineers are familiar with the design challenges inherent to delivering umbilical cables that can function satisfactorily under all circumstances. Our designs and manufacturing processes provide great flexibility, excellent durability, neutral buoyancy and minimum drag.

Deepwater tow cable



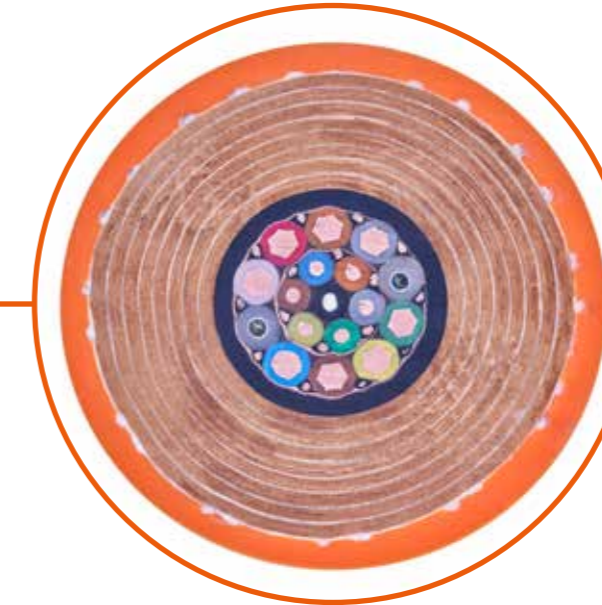
- High tensile steel construction in combination with optimized lay angles
- Electro optical cable
- Up to 10km waterdepth

DAS cable (distributed acoustic sensing)



- Engineered combining high grade extrusion materials
- Multiple optical fibers with high bend insensitivity
- Designed for on land and in well / offshore usage

Launch and recovery umbilical



- Eight layer lightweight strength member (terminated break strength 365tonne)
- Electro optical core 200 kW system
- Up to 3.5km waterdepth

CPT cable (cone penetration)



- Free flooding pressure balanced design
- Combination of electrical components and high pressure hoses
- Internal flexible steel strength member

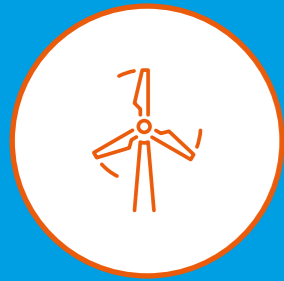
Renewable energy

A wide-angle photograph of an offshore wind farm. Ten white wind turbines are visible, stretching across the horizon over a dark blue sea. The sky is a clear, bright blue with a few scattered white clouds. In the foreground, the tops of tall, golden-brown grasses are visible, slightly out of focus, suggesting the photo was taken from a low angle on a grassy shore.

Future proof
wind, wave and
tidal cable solutions

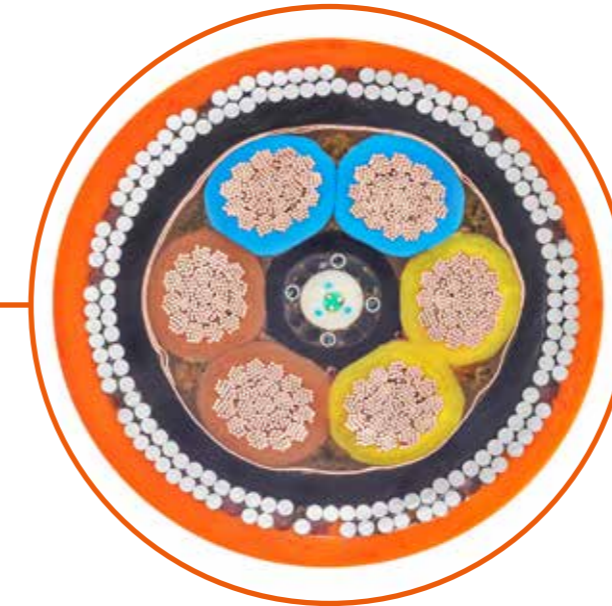
Renewable energy

Future proof wind, wave and tidal cable solutions



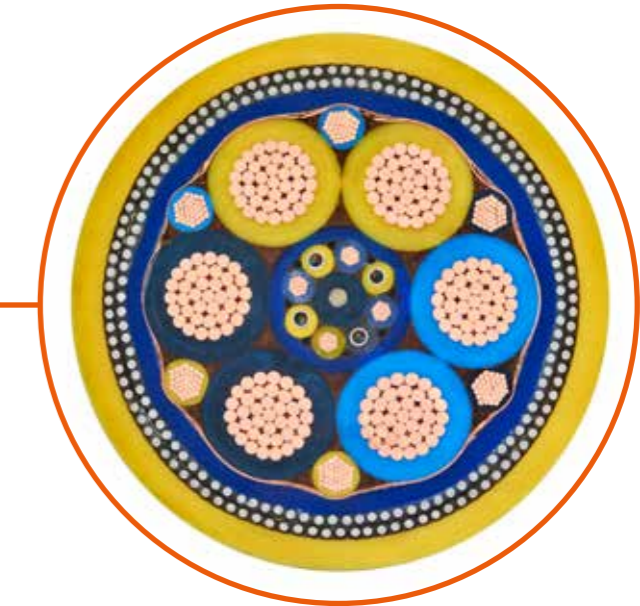
The offshore renewables industry is growing rapidly and is constantly seeking to improve overall efficiency. DeRegt offers a range of umbilical systems and specialized marine cables for the renewable energy market. Our durable cable solutions range from low-voltage to medium-voltage cables for generating energy with floating tidal and wave-buoy installations. Our engineers are familiar with the design challenges inherent in delivering a product that functions satisfactorily in any given situation.

Dynamic power cable used for wave buoy system



- Design life of 30 years - 100 Million wave cycles
- Six core three phase design
- Optical package for carrying information and sensing purposes

Blue Nodules cable



- Qualified design life 20 years
- Hybrid Power and communication cable
- Rated for 6km water depth

Aerostats UAV



For us, the **sky**
holds no limits

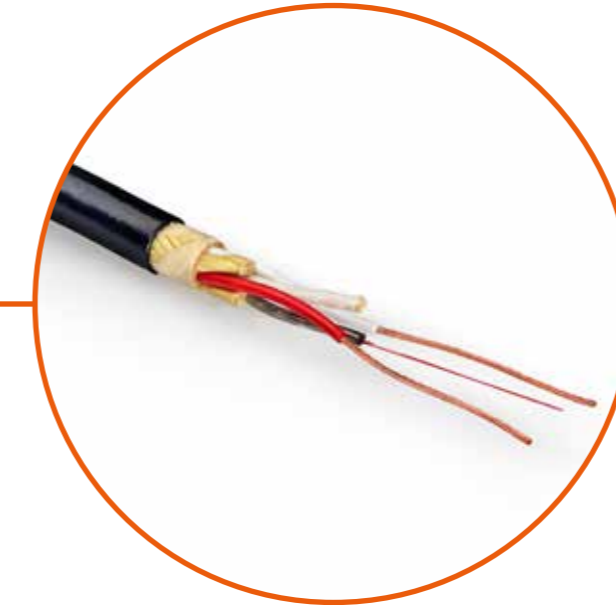
Aerostats UAV

For us, the sky holds no limits



DeRegt takes cable solutions to the next level with its tether cables and terminations for Aerostats and Unmanned Aerial Vehicles (UAV). The light weight, narrow diameters, high breaking strength and long lifetime of our aerostat tether cables guarantee maximum performance under any given circumstances. Our aerostat cables are custom-made and engineered to the client's specifications.

Lightweight aerostat tether cable



- Features unique DeRegt lightweight construction
- Includes electrical and optical components
- Optimum tensile strength to weight ratio

Aerostat cable with lightning protection



- Specially designed for 2008 Olympic Games
- High break strength
- Including lightning protection

ROV

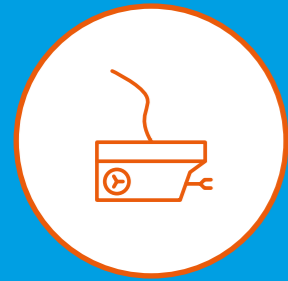


Your **subsea**
connection

Courtesy of Royal IHC

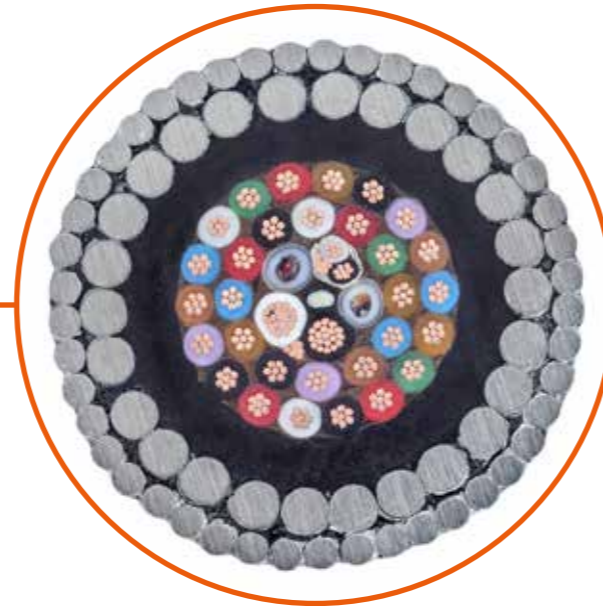
ROV

Your subsea connection



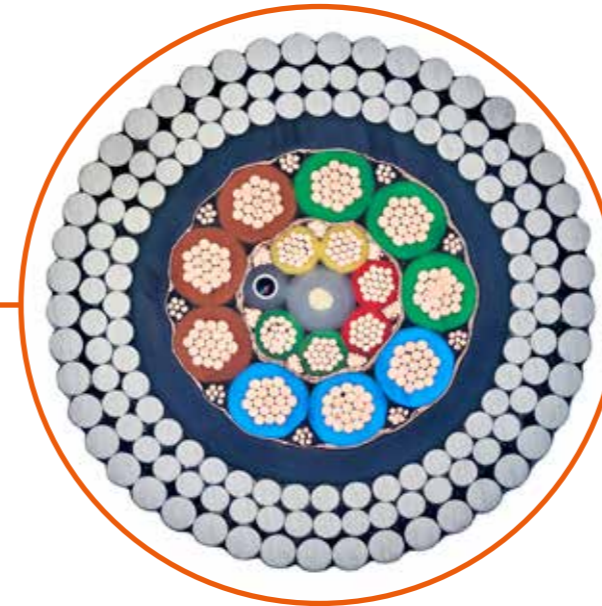
Since our clients are going deeper than ever before, we develop ROV umbilical and tether cables that are lighter and stronger, making them a dependable connection for all subsea activities. We can design cables for most standard ROVs and we are able to develop systems for new applications based on our clients' specifications. Our innovative cable solutions are designed to deliver reliability and performance under the most extreme circumstances.

Middle weight ROV class cable



- Two layer armour package
- High temperature resistant materials
- Optical fiber communication
- 4km waterdepth

Fall pipe cable



- Triple layer high tensile steel
- Combination of High power, auxiliary power and communication
- Up to 3.5km waterdepth

Trenching umbilical



- High tensile steel package to support cable weight
- High power consumption – 1.5mW power
- Combination of main power, auxiliary and communication pairs
- 750 meter length

Termination



Termination



DeRegt can supply fully terminated, cable assemblies including any connector specified by the customer. We have made many designs for terminations for both the wet-end and dry-end side of the cable. Our design team has a strong knowledge of termination design and assembly and we are able to deliver a turn-key cable solution to you. Our termination capability is one of the things that makes DeRegt stand out from the competition.

Internal line-up clamp tool termination for offshore pipelaying system



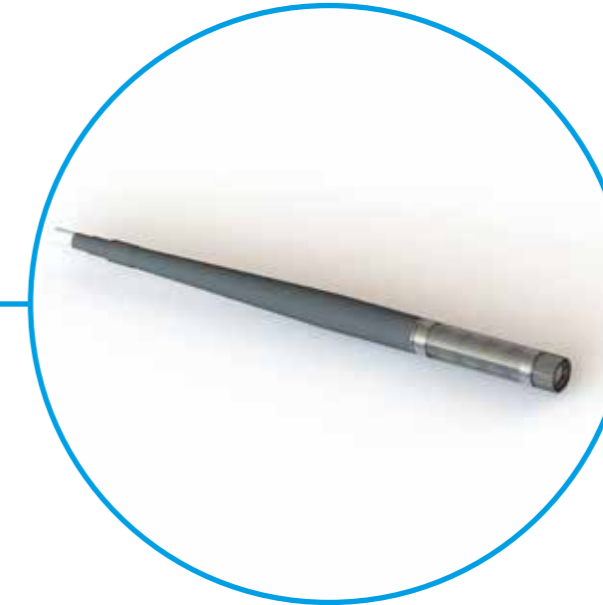
- Hybrid electrical / optical termination
- Offshore-approved and qualified strength termination
- Quick connect/disconnect system for easy maintenance

Airgun umbilical termination



- Offshore-approved and qualified strength termination
- Electrical / Hybrid electrical / Optical termination
- Qualified and tested high-pressure hose fittings

Flexible termination



- Flexible reelable termination
- Lightweight version for neutrally buoyant cables available
- Ideal solution for reducing overall system footprint

Tow hook termination



- Widely used for towing and lifting applications
- Separate electrical and optical connectors
- Ideal solution for reducing overall system footprint

Support



Our carefully structured network of **global distributors** lets us guarantee **optimal service** and **support**.

Contact

Talk to our sales officers and team up with our engineers. Our skilled design and engineering team always looks forward to working with clients. Experience has taught us that the pre-requirement phase plays an essential role in the development of new concepts. To ensure the highest possible quality, our factory is home to cable manufacturing and testing facilities, as well as research & development, service and logistics departments.

If you have any questions, please do not hesitate to contact us or a distributor near you.

deregtcables.com

Contact info:

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E-mail info@deregtcables.com

Chamber of Commerce 24196885 Rotterdam

Meet us

It all starts with
a challenge



Connect

Stay tuned, keep in touch with DeRegt.
Scan the QR code and be the first to know about our updates.

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