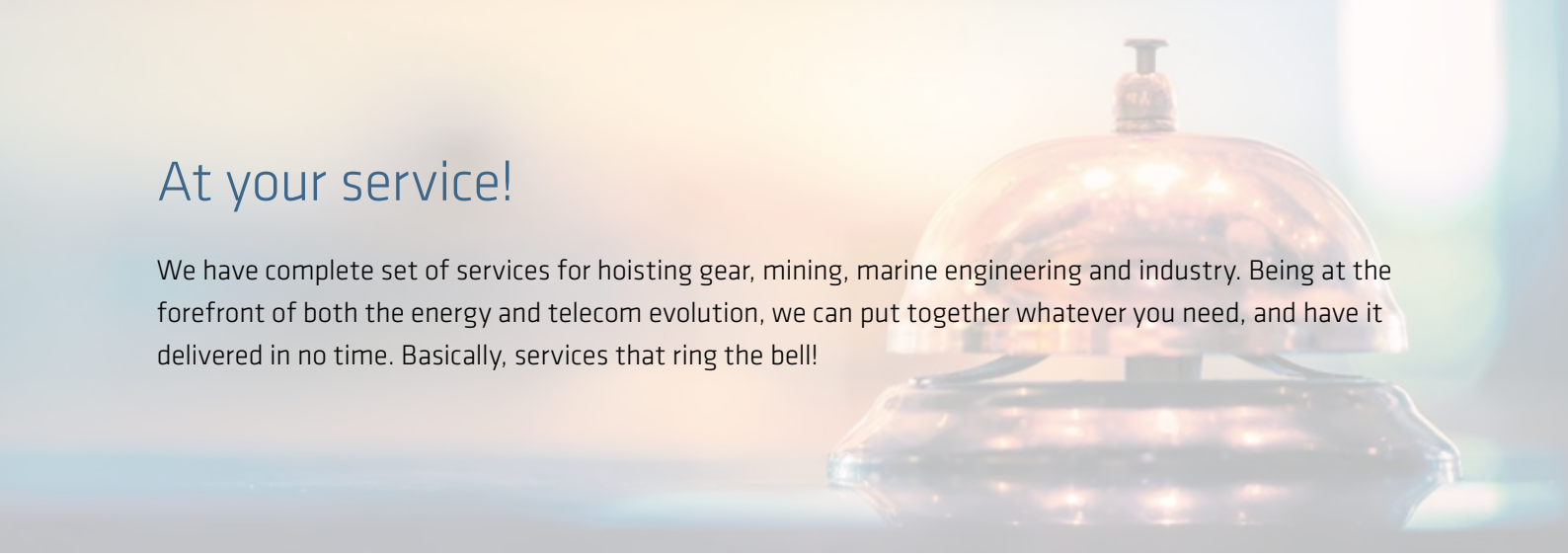
Prysmian Group

At your service!

Just give the signal and we'll fix all the details for your rubber-insulated flexible cable solutions, too.

PRYSMIAN
Draka
General Cable



At your service!

We have complete set of services for hoisting gear, mining, marine engineering and industry. Being at the forefront of both the energy and telecom evolution, we can put together whatever you need, and have it delivered in no time. Basically, services that ring the bell!

ASSEMBLY AND TERMINATION – WE MAKE SURE THAT EVERYTHING FITS

In our factory or on spot – we will make up your special cables (1–66 kV AC) ready for connection according to your requirements. We can also supply installation sets designed specifically for your requirements. The laid in earth or in water is not allowed.

- Sealing ends of cast-resin, hybrid and vulcanization type
- Special sealing ends
- Medium and Low Voltage plug-on sealing ends with FO

FIBRE-OPTIC MEASUREMENT – FOR HIGHER ACCURACY

We possess all the customary fibre-optic measuring methods, so we can meet all requirements.

- Visual checks
- Attenuation measurement for various wavelengths by the insertion loss technique
- Attenuation measurement and fault location by reflectometry (OTDR)
- Temperature and stress recognition by Brillouin frequency measurement on singlemode fibres throughout the entire run (monitoring / sensoring)

CUSTOMIZED SYSTEM CONCEPTS – UP TO THE MARK RIGHT FROM THE START

Right at the very planning stage we are there to help you. We will be pleased to advise you on selection and dimensioning of your cables, on termination methods and on how they should be assembled and made up. If desired, we will supply you with the necessary components and handle subprojects in conjunction with our products.

VLF-TESTING TECHNOLOGY – SAFE WHEN ENERGIZED

On site testing with our portable VLF-Testing system.

- VLF CR up to 60 kV
- Test frequency 0.1 Hz
- This proven voltage waveform is recommended by DIN VDE standards
- Max. testing lengths at 240 mm^2 and Up = 60 kV_{eff} about 5 km

FIBRE-OPTIC PREASSEMBLY AND CONNECTION – SKILLED IN EVERY METHOD

We will make up glass fibre-optic cable systems for industrial applications, involving all kinds of plug connections.

- With high mechanical strength
- Protected against ingress of moisture
- Of attractive design
- Of compact dimensions
- With fibre number 6, 12, 18 or 24

We connect glass fibre-optic cables and combined cables with integrated optical fibres:

- With splicing box
- Using the fusion splicing method
- In repair work involving combined cables with integrated optical fibre

REPAIR AND CONNECTION – ALWAYS THE RIGHT CONNECTION

In the event of major or minor damage to special cables, we provide quick assistance – at a favourable price. We will repair your rubber-insulated flexible cables either on site or in our factory. We use original materials and work with proven technology. Our qualified expert fitters ensure that the serviceability of our cables is not adversely affected.

You can of course do the repair / connection yourself; we provide all necessary original materials in the form of installation sets.

We make sure that the connection is right between a number of special rubber-insulated cables, or between special cables and fixed-mounted cables. We always adhere to specified criteria:

- To suit the application concerned
- Shrink-on, cast-resin or vulcanization method
- Original materials
- Work done by qualified technicians
- Serviceability upheld

”Always there when you need us.”

Made locally

We've been making cables in Germany since 1858. Today we have 2000 skilled co-workers developing state-of-the-art cables in seven plants all over the country. We can offer a complete range of cables covering everything from the deep blue sea, mines and tunnels to skyscrapers and satellites.

Two of our facilities are Centres of Excellence including R&D departments in which we develop new solutions to meet your specific needs as well as the common challenges of tomorrow.

When that is not enough, we have the largest cable manufacturer in the world to our disposal, Prysmian Group. That includes 50 countries, 112 plants, 25 R&D centres and about 30,000 skilled professionals doing nothing but developing and producing cable solutions that will solve your current and future needs.

Prysmian Group

Linking the future

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