



# Ready for immersion!

Underwater optical fibre cables designed to handle the pressure.



A brand of the

**Prysmian**  
Group

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Our range of underwater fibre cables are designed specifically for river, lake and harbour crossing deployment. Dual layers of armour wires give maximum protection against mechanical damage and subaquatic pressure. Add to this great resistance to hydrogen ingress and say hello to a cable that maintains its behaviour as if it were in a terrestrial environment.

## UNDERWATER CABLES

### Applications

Prysmian has developed a range of underwater cables, designed specifically for river, lake and harbour crossing deployment. They are suitable for medium length, unrepeat applications up to a water depth of 20 m.

### High-precision manufacturing

These demanding installation environments require the highest level of cable reliability and durability which are ensured by Prysmian's advanced cable design technology and the use of the highest quality materials and high-precision manufacturing.

### Maximum mechanical protection

The cables utilise a dual layer armour wire construction to ensure maximum protection against physical damage. It also enables the cable to withstand the high pressure underwater environment. The high tensile armour wires are borax treated to prevent galvanic reaction and corrosion.

### Same operation as in a terrestrial environment

An advanced chemical additive within the central cable construction prevents hydrogen ingress, ensuring the optical fibre operates as they would in a terrestrial environment.

### Available in high fibre counts

These cables are available in a range of fibre counts, including a high density 1728F Flextube version.



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