



Jet Fire cables

Strong enough to withstand the extreme



A brand of the

Prysmian
Group

Linking the future

As the worldwide leader in the cable industry, Prysmian Group believes in the effective, efficient and sustainable supply of energy and information as a primary driver in the development of communities.

With this in mind, we provide major global organizations in many industries with best-in-class cable solutions, based on state-of-the-art technology. Through two renowned commercial brands – Prysmian and Draka – based in more than 50 countries, we're constantly close to our customers, enabling them to further develop the world's energy and telecoms infrastructures, and achieve sustainable, profitable growth.

In our energy business, we design, produce, distribute, and install cables and systems for the transmission and distribution of power at low, medium, high and extra-high voltage. In telecoms, the Group is a leading manufacturer of all types of copper and fiber cables, systems and accessories – covering voice, video, and data transmission.

Drawing on over 130 years' experience and continuously investing in R&D, we apply excellence, understanding and integrity to everything we do, meeting and exceeding the precise needs of our customers across all continents, at the same time shaping the evolution of our industry.

What links global expertise to the wheels of industry?

High-performing cable solutions to keep the wheels of industry turning

On every continent, in applications that range from air and rail transport infrastructure to heavy duty industries such as mining, tunnel drilling and defence, Prysmian's specialist cable solutions sit at the heart of significant international projects; supporting the work of major customers, with high-performing, durable and safe technology.

As the world leader in cabling, we draw on global expertise and local presence to work in close proximity with our customers, delivering products and service platforms, built on easy contact, customised solutions and effective supply chains, meeting their specialised requirements, to help them drive the wheels of industry and achieve sustainable growth and profitability.



Jet Fire cables


Prysmian Group is proud to present and offer the new and unique cable design for jet fires to the offshore market. The newly developed Jet Fire cables have the right properties to withstand 250 kW/m² jet fires and temperatures exceeding 1200 °C for half an hour.

Our Jet Fire cables give good heat transmission during normal operating temperatures, thus reducing the requirement for derating. Furthermore, all cables rated as Jet Fire will also pass the circuit integrity test under fire conditions for at least

180 minutes, both 750°C and 1000 °C (IEC 60311-21).

Once a Jet Fire cable is exposed to a jet fire, rapid changes in the material state will give a cooling effect, which is maintained during the critical period. When this process is completed, the layer will turn into a firm, ceramic substance which provides heat insulation that is *'Powered by Favuseal'*.

This one of a kind cable solution is the result of research and development, which is considered as a continuous process within Prysmian Group.





Standards

Our new designed cables will withstand 250 kW/m² jet fires and temperatures exceeding 1200 °C for half an hour, in accordance with ISO 22899-1.

Product range		
<i>Application</i>	<i>Cable type/voltage</i>	<i>Fire class</i>
Instrument	BFOU JF 250 V*	JF-30
Control	BFOU JF 0,6/1 kV	JF-30
Power	BFOU JF 0,6/1 kV	JF-30

*Instrument development is ongoing and expected soon.



We reserve the right to amend these specifications without prior notice. We reserve the right to make product changes without prior notice.



Designed for the extreme

Extreme environments call for exceptional cables and our unique Jet Fire cables are literally speaking one of a kind. They will withstand 250 kW/m² jet fires and temperatures exceeding 1200 °C for half an hour. That is what we call performing under pressure!

A global organization – built to serve

Prysmian Group does more than manufacture the highest quality cable solutions.

We have a global team of engineers who aid in system design and project management.

Drawing on over 130 year's experience and continuously investing in R&D, we apply excellence, understanding and integrity to everything we do, meeting and exceeding the precise needs of our customers across all continents, at the same time shaping the evolution of our industry.

Linking global expertise to the wheels of industry

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