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# Harsh Environments



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## More Meaningful Connections

### Connected Oil, Gas and Chemical Processing

Oil and gas are still the best options for meeting global energy demand and the industry is exploring in challenging locations. Refineries and chemical processing plants are becoming more connected all the time as data drives greater efficiency and integration with the enterprise.

### Protecting Productivity

Environmental extremes are not the only factors that create harsh environments. Indoor harsh conditions are around throughout plant and processing facilities, including high vibration, chemical vapors, galvanic corrosion and radiation resulting in significant wear-and-tear on equipment. Infrastructure that can keep performing in these conditions is essential to protect production and maintain safety.



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## More Meaningful Technologies

### The Panduit Solution

Created from long industry experience and a strong commitment to research and development, Panduit's Harsh Environment Solutions minimize risk by delivering proven performance in the most extreme conditions. Our range of cabling encompasses and unrivalled breadth of options for power and Ethernet applications designed to exceed industry standards for performance and durability. A good example are our Category 6 Shielded and Category 7 Shielded MUD-Resistant Marine Cables. These offer extended temperature range and enhanced abrasion resistance, and work together with TG-style marine jacks made for their larger diameter. Panduit solutions have safety built-in, our unique systems for direct burial grounding and cable management with integrated short circuit protection save installation time as well as protecting uptime and reducing risks to personnel. Our complete cable identification systems including handheld printers and consumables, speed up installation and maintenance, and also enhance safety.

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## More Meaningful Upsides

### Connect with Panduit

Panduit's harsh environment solutions align critical systems to support the delivery of reliable power, control and communication systems across your facility. Every element of cabling and cable management is taken care of, giving you a complete solution that exceeds operational requirements and safety regulations. As well as being tough enough to keep working over a long service life, Panduit infrastructure gives you the performance to implement new technology like the Industrial Internet of Things as you need to.

