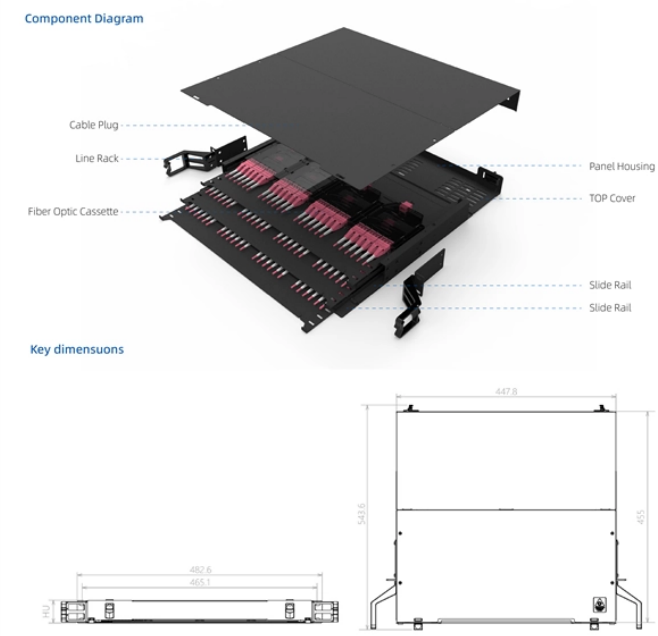
GDR Telecom Site Energy Systems

Well Logging Fiber Optic Cable Installation Scheme



Well Logging Fiber Optic Cable Installation Scheme

Common well integrity problems where fiber optics can be effectively deployed include identifying sources of sustained annulus pressure, confirming packer integrity, pinpointing leak locations, and ...

Expro''s Distributed Fiber Optic Sensing (DFOS) intervention enables the continuous and distributed acquisition of temperature and acoustic data along the length of your well. It features a ...

This paper reviews the complete design and implementation of the in-well fiber-optic deployment, field operational issues, analyses, and interpretation of the sensing results.

As part of this project we are attempting to develop an end-to-end approach to utilize permanent fiber-optic cables and DFOS measurements to better constrain the geometry, compliance, and hydraulic ...

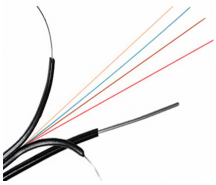
The hydraulic fracturing process includes a number of different variables that can be altered to perform a well completion. Conventional methods and systems for monitoring and/or controlling the...

Assess permanently installed fiber-optic sensing and fiber-optic intervention (“logging”) options, and recommend/justify when to use which options based on a particular well type and information need.

In this study, we installed two fiber optic cables with different designs into a new well, a soft-flat cable and a stainless-steel cable, for distributed fiber optic sensing in cementing and water ...

The type of fiber optic cable and the fibers in the cable should be chosen appropriate for the type of communications system(s) being supported, the type of installation and the environment in which the ...

Optimum performance for sensing objectives depends on cable type, installation method, cable position and the site environmental conditions. This applies to existing cables as well as those installed ...



A complete well integrity monitoring system is created by combining the FEBUS A1 (DAS), the FEBUS T1-R (DTS) and the FEBUS G1-R (DSTS). Our solution offers highly sensitive devices, distributed ...

Contact Us

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