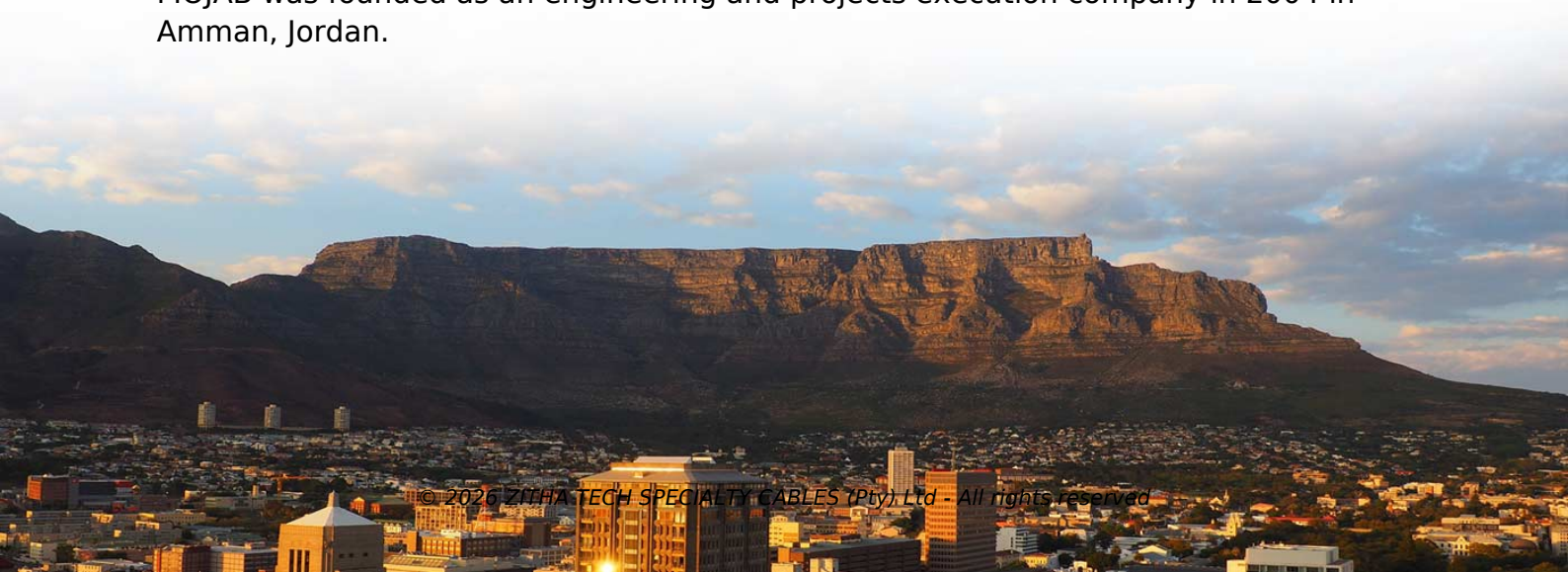
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Jordanian manufacturer of underground temperature measurement optical cables



Overview

JOCAB manufactures a wide range of quality cables of high performance conforming to INTERNATIONAL STANDARDS in its most modern plant located on Al-Muwaqqar in the Hashemite Kingdom of Jordan to provide total customer satisfaction. Since our establishment in 2006, Wadi Al Seer for Wires and Cables Manufacturing-Jordan has been dedicated to delivering high-quality electrical cables and wires that meet both local and international standards. Located in the Al Muwaqar Development Zone, Al Muwaqar, Jordan, our state-of-the-art. Under the valuable guidance of Ziad Al-Omoush International Company for wires and cables manufacturing is now one of a fast growing company in the Hashemite Kingdom of Jordan with brand image of JOCAB. Techline offers a complete range of Fiber optic passive equipment ranging from FDT, joint closures, enclosure boxes, distribution boxes and frames, and indoor/outdoor fiber cables. Contact us to understand how D&B calculated your company's specific ESG Ranking, provide new or updated information to ensure your company's ESG Ranking remains accurate and up to date, or dispute your current ranking. Unlock full sales materials and reports Dynamic search and list-building. MOJAB was founded as an engineering and projects execution company in 2004 in Amman, Jordan.



© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

Fiber Optic Temperature Sensing and Measurement | Luna

Fiber optic temperature sensors are immune to the many environmental effects that compromise other measurement technologies, can be embedded and installed in

(PDF) Temperature Sensing in Underground Facilities by

High-resolution temperature sensing with Raman-OFDR using fiber-optical communication cables shows great potential as it allows the surveillance of several kilometers of

Distributed temperature measurements using optical fibre ...

This article experimentally examines the applicability of a temperature measuring and monitoring system using distributed temperature sensing by means of an optical fibre in an underground mine

DTSX3000 Distributed Temperature Sensor | Yokogawa

What Is Distributed Temperature Sensing? Distributed temperature sensing (DTS) measures temperature distribution over the length of an optical fiber cable using

DTSX200 Distributed Temperature Sensor

What Is Distributed Temperature Sensing? Distributed temperature sensing (DTS) measures temperature distribution over the length of an optical fiber cable using

Temperature sensing in underground facilities by Raman optical ...

2 Temperature sensing method The techniques used in this study are based on the method of distributed temperature sensing (DTS). DTS systems rely on the fact that an optical fiber can function

Guide for the Application of Distributed Fiber Optic Temperature

This report summarizes distributed fiber optic-based temperature measurement technologies and how this type of technology can be applied to underground power cables through case studies,

Advances in fibre optic based geotechnical monitoring systems for ...

In a BOTDA based rock monitoring system in an underground metalliferous mine, a multi-fibre optic cable was used to provide temperature compensated distributed strain within 25 m long

Distributed Temperature Sensing (DTS) Systems

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Distributed temperature sensing (DTS) systems are optoelectronic devices which measure temperatures by means of optical fibers functioning as linear sensors.

Distributed temperature measurements using optical fibre technology

50-km single-ended spontaneous-Brillouin-based distributed-temperature sensor exploiting pulsed Raman amplification Optics Letters, 2003 Distributed measurement of conductor temperatures in

Temperature sensing in underground facilities by Raman optical ...

High-resolution temperature sensing with Raman optical frequency domain reflectometry (OFDR) using optical communication fiber cables shows great potential as it allows the surveillance of several

Distributed Temperature Sensing (DTS) -

DTS (Distributed Temperature Sensing) measures the temperature along an optical fiber, every meter, over many kilometers. This results in an accurate and

Development and Improvement of an Intelligent Cable Monitoring

In the case of the optical fiber composite power cable (OFCPC), which is a power cable embedded with optical cables, electrical power networks and communication networks can be established

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved