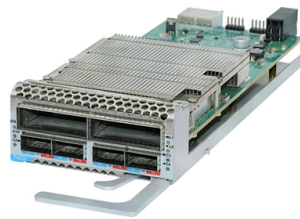


# What type of fiber optic sensing detector is it



## Overview

Distributed Temperature Sensing (DTS), Distributed Temperature and Strain Sensing (DTSS) and Distributed Acoustic Sensing (DAS) are all various types of fiber optic sensing technologies which use the physical properties of light as it travels along a fiber to detect changes in. Distributed Temperature Sensing (DTS), Distributed Temperature and Strain Sensing (DTSS) and Distributed Acoustic Sensing (DAS) are all various types of fiber optic sensing technologies which use the physical properties of light as it travels along a fiber to detect changes in. A fiber-optic sensor is a sensor that uses optical fiber either as the sensing element ("intrinsic sensors"), or as a means of relaying signals from a remote sensor to the electronics that process the signals ("extrinsic sensors"). Fibers have many uses in remote sensing. Depending on the. A fiber optic sensor measures a physical quantity by modulating the intensity, spectrum, phase, or polarization of light traveling through the optical fiber system. Think of it like a photoresistor, which changes its resistance based. What is Fiber Optic Biosensor?

Jose Miguel Lopez-Higuera: Handbook of Optical Fiber Sensing Technology, John Wiley & Sons, 2002. Unlike traditional electrical sensors (e.



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What is Fiber Optic Biosensor? Jose Miguel Lopez-Higuera: Handbook of Optical Fiber Sensing Technology, John Wiley & Sons, 2002. PP 689-690. Fiber serves as a continuous sensing element.

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