



# ULTIMA-L™ DTS SINGLE MODE

## DATASHEET



The ULTIMA DTS range is the world's highest performing family of Distributed Temperature Sensors. The ULTIMA DTS offers the finest temperature resolution and spatial resolutions over a wide operating temperature range. It is a standalone unit with an on-board PC and a user-friendly software interface. The ULTIMA-L Single Mode is available with either 4 or 8 optical channels. The units is optimised for spatial and temperature resolution over 20km. The system can be configured to produce both single-ended and double-ended measurements. Minimum measurement time is 1 second.

### Product Specifications

#### Sensing Capabilities

Range	Channels	Resolution	
		Temperature	Sampling
0 - 30km	4 / 8	0.1°C	1m

#### Power Supply Requirements

AC Power	Maximum Power
100-240V, 50-60Hz	145W

#### Communication Options

Ethernet	USB
DVI	Internal HD

#### Physical Dimensions [19in rack compatible]

Height	Width	Depth	Weight
6.97in / 177.1mm	18.30in / 464.8mm	18.40in / 467.4mm	16.9kg / 37.3lb

#### Certification & Compliance

Safety	EMC	FCC	CE Mark
Class 1 Laser Product • IEC 60825-1: Edition-2:2007 • EN 61010-1:2010	• EN61326-1:2013	CFR 47:2008 Part 15 Sub Part B	• 2014/35/EU (safety) • 2014/30/EU (EMC)

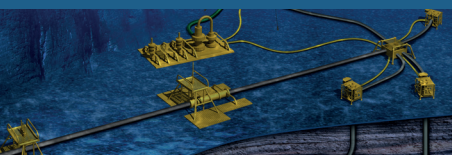
#### Data Monitoring

ULTIMA DAQ
ULTIMA Viewer
Enhanced Viewer

#### Oil & Gas Downhole



#### Oil & Gas SURF



#### Mining



#### Environmental & Infrastructure



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Certificate Number: 9032  
ISO 9001:2008