



EXTENDS THE NUMBER OF FIBERS/CABLES THAT CAN BE MEASURED WITH ONE READOUT UNIT

Multiplies the measurement capabilities of DiTemp Reading Units.

Description

Used in conjunction with the DiTemp XR reading unit, the DiTemp multiplexer unit converts a single channel DiTemp into a multi-channel system.

The DiTemp multiplexer comes as a separate module of the DiTemp reading unit and, when connected to the multiplexer unit, enables the DiTemp to measure up to 16 different sensor cables from one location (up to 480 km of sensing cable per DiTemp reading unit). Where large scale coverage is required, the combination of the DiTemp reading unit plus the multiplexer unit is one of the most effective and cost effective sensing solutions.

Technical Specifications

- **DiTemp external optical multiplexer**
 - 4ch
 - 8ch
 - 16ch
- **Dimensions (HxWxD)** → 88 x 483 x 473 mm
- **Weight** → 5.7 kg
- **Operating temperature** → +5°C to +40°C

Key Features

- Modular design
- Fully automated switching
- LED display
- 4, 8, 16 channels available
- Compatible with DiTemp Reading Units

Applications

- Pipeline leak detection
- Dam and Levee seepage monitoring
- Smart buildings
- Power Cable Rating and hot spot detection
- Distributed temperature sensing