

## Product Overview

### ITU G.703 Media Converter



## Description

The MICROSENS ITU G.703 Optical Converter enables the full duplex transmission of a 2,048 Mbit/s interface along optical fiber according to the ITU G.703 standard.

As a result of the use of optical fiber it is possible to extend electrical G.703 connections by up to 2 km. The electrical G.703 signals are transmitted transparently on the optical fiber, which means that direction information (e.g. to synchronize the frames) is also transmitted.

The application of optical fiber offers, as well as lower attenuation, the advantage of immunity against disturbances and tapping. This enables furthermore the integration of already existing FO lines.

The MICROSENS ITU G.703 Optical Converter is available as insertion module for the modular 19" Plug-in system.

Color coded LEDs display the operating condition of the converter and can be used for error diagnostics.

## Properties

- Electrical / optical conversion for legacy E1/G.703 interfaces with 2,048 kbps
- Connecting PABX's to modern fiber networks
- Distance extension between GSM base station controllers
- Multimode and single mode versions up to 125 km
- "Hot swap" of modules
- Stand alone deployment by using single slot housing
- Different optical connectors, e.g. SC, ST or LC

## Order Information

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**Article Number**

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