Product Overview

ITU G.703 Fiber Optic 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 converter is constructed in the form of an insertion card, which can be built into the MICROSENS 19" modular system. 12 insertion modules can be mounted into a modular system. If you need a redundant power supply, you only have 10 places left. In case of a partial equipping, the unloaded slots can be masked with blank covers. The MICROSENS ITU G.703 Optical Converter is also available as stand alone version.

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

Properties

- Insertion card for Modular Access System
- 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
- "Hotswap"of modules
- Stand alone deployment by using single slot housing
- Different optical connectors, e.g. SC, ST or LC

Order Information

Description	Article Number
Converter ITU G.703 , Multimode 850 nm	**MS416300**
Converter ITU G.703 , Multimode 1300 nm	**MS416301**
Converter ITU G.703 , Single mode 850 nm Laser, 15 km	**MS416303**
Converter module ITU G.703, Single Mode 1300 nm, 15 km	**MS416304**
Converter module ITU G.703, Single Mode 1300 nm, 40 km	**MS416305**
Converter module ITU G.703, Single Mode 1550 nm, 60 km	**MS416306**
	MS416308
	MS416307