

ITU G.703 Fiber Optic Converter

MICROSENS

The MICROSENS ITU G.703 optical converter allows the transmission of a 2.048 Mbit/s interface via fiber connection according to ITU G.703.

With this converter it is possible to connect communication equipment like PBXs and routers in LAN, MAN and WAN areas over long distance single mode connections.

The fiber optic transmission of the electrical G.703 signal is transparent, that means that the control information (i.e. frame synchronisation) is transmitted without influence.

Using the fiber optic transmission with multimode fiber it is possible to extend electrical connections up to 5 km distance.

The use of single mode fiber offers connections up to 125 km.

The converter is designed as an insertion card for the modular 19" converter chassis with a central power supply. For the single workstation use there are desktop versions available.

Colour coded LEDs give status information about the converter and can be used for network diagnostics.



Technical Specifications

Type	Fiber optic converter for ITU G.703 interface
Connectors	1 x RJ45, 2 x ST-/SC-Connector
Datarate	2,048 Mbit/s
Fiber type	Multimode fiber, 50 or 62.5/125 µm, Single Mode fiber 9/125 µm
LED displays	Power, G.703 Link, Fiber Link, G.703 Los, Fiber Loss

Order Information

Part-no.	Description	Connectors
MS417001	Desktop Chassis for 1 x MS416xxx module, ext. supply	
MS416301	ITU G.703 converter, Multimode 1300 nm	1 x RJ45 2 x ST
MS416303	ITU G.703 converter, Single Mode 1300 nm Laser, max. 15 km	1 x RJ45 2 x ST
MS416305	ITU G.703 converter, Single Mode 1300 nm Laser, max. 40 km	1 x RJ45 2 x SC