



MINI-LINK™

Wireless Ethernet Interconnection

Many organizations around the world need fast, flexible and easy ways of connecting data and voice networks for offices at different locations. Examples of such organizations are rapidly growing or large enterprises, campus networks and governmental administrations.

Ericsson – the world leader in microwave trans-

mission – now expands the MINI-LINK solution with an Ethernet Interface Unit (ETU). It provides a highly reliable, flexible and fast wireless interconnection solution for LAN-to-LAN. The MINI-LINK with ETU combines your datacom and telephony in the most cost-efficient and easy way compared to leased lines or other transmission solutions.

ETU

The ETU has one Ethernet interface for LAN connection. It can be flexibly configured to any of the G.703 capacities 2, 8 or 34 Mbit/s. It is connected to a Modem Unit (MMU) or a Switch Multiplexer Unit (SMU). Any additional capacity of the MMU can be used for PBX-interconnection.

The ETU supports transparency for VLAN tagged frames, full duplex Ethernet, auto-negotiation and full duplex flow control for automatic data bandwidth regulation.

The ETU is a plug-in unit to be installed in an indoor Access Module Magazine (AMM).

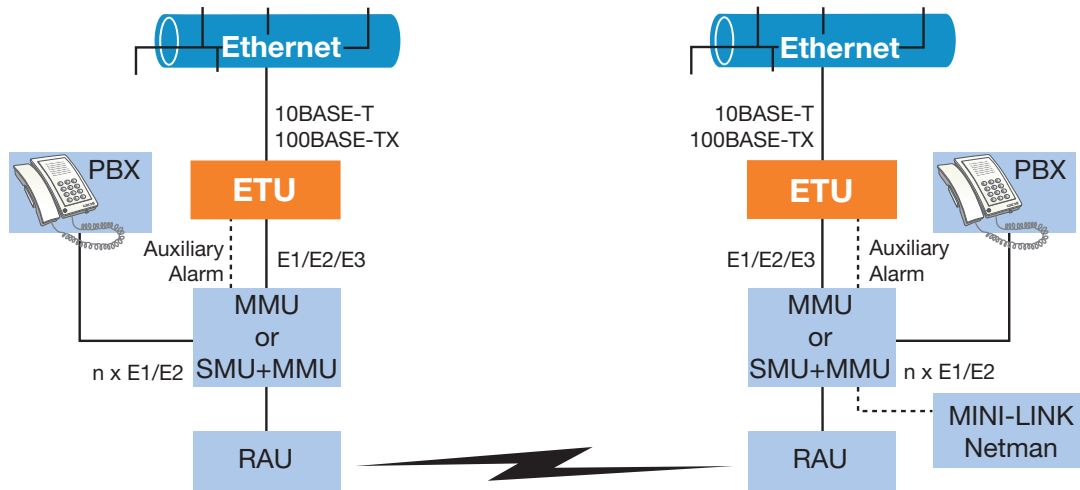


Management

MINI-LINK Netman is a powerful element manager for centralized operation and maintenance (O&M) of all MINI-LINK equipment. It can be used as a stand-alone system or integrated with a higher order Network Management System (NMS) using a standardized SNMP interface.

The configuration and management of the ETU is done locally with a laptop connected to the O&M interface.

An ETU application for dual-site interconnection



Technical Data

Frequency	7-38 GHz
Frequency stability	± 10 ppm
Channel spacing	3.5/7/14/28 MHz depending on capacity
Antennas	0.2/0.3/0.6/1.2 m compact antennas for integrated and separate installation 1.8/2.4/3.0 m antennas for separate installation
PBX interfaces	ITU-T Rec. G.703, 2, 8 or 34 Mbit/s
Ethernet interfaces	10BASE-T or 100BASE-TX in 2, 8 or 34 Mbit/s
Power supply	24-60 V DC nominal
Power consumption	40-110 W (depending on configuration)
Weights and dimensions (HxWxD)	
Radio unit integrated with a compact antenna	0.2/0.3/0.6 m
Access module (fully equipped)	7.0/10.1/14.7 kg, 321x266x171/382x382x255/635x635x370 mm
2U/4U (19")	9.4/16.3 kg, 88x483x280/176x483x280 mm
Operational temperature	-50°C to +60°C (outdoor, full functionality) -20°C to +60°C (indoor, full functionality)
Standards and recommendations	CEN/CENELEC, ETSI, ITU, IEC, IEEE.

All technical data is typical and is subject to change without notice

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