TUNOR & UMUX TUPON

increases the flexibility of your access network

- 4 x 2 Mbps via optical fibre
- Transmission via monomode and multimode optical fibre
- G.703/704 interface (75 ohms and 120 ohms)
- Up to 45 km transmission range
- Management via UCST/UNEM

TUNOR (left) and UMUX TUPON

KEYMILE TUNOR optical desktop is a member of the UMUX family. Designed for the transportation of four 2 Mbps signals via multimode or monomode optical fibres, TUNOR is suitable for connection of remote units, PBXs and base stations within mobile networks, as well as for computer networking or mixed applications.

UMUX

The desktop unit TUNOR is a compact NT that is attached to its UMUX counterpart rack unit TUPON.

The consistent strategy of integration in one network element keeps your investment costs to a minimum (no need to buy "unnecessary" racks), facilitates expansion of your access network and safeguards against expensive interface modifications.

Applications

TUNOR is a future-oriented solution for connection of remote units and ISDN private branch exchanges within FTTO (Fibre-To-The-Office) and FTTC (Fibre-To-The-Curb) environments.

Together with DSL units the TUNOR brings greater flexibility to the access network and provides one or more 2 Mbps links via optical cables.

Used in conjunction with UMUX, TUNOR is a cost-effective solution for the optical connection of new networks.

In mobile networks, TUNOR is used to connect base stations with the exchange. As a stand-alone system, TUNOR is ideal for interconnecting different computer networks. All voice and data applications can be combined in a single unit to suit individual requirements. The flexible 4-port desktop is used as an IAD (Integrated Access Device).

■ One Management System

The management of the TUNOR/ TUPON and other functions is integrated in the UCST/UNEM management system. This enables operators to operate in a familiar environment and accelerates the provisioning process.

To find out more about TUNOR and TUPON, please contact KEYMILE.

Technical data

Key features	
Bit rate	4 x 2,048 kbps
Optical fibre type	Monomode or multimode
Wavelength	1,300 nm
Transmission code	MCMI
Max. overall cable attenuation	21 dB
Management	UCST, UNEM
Transmission range	
Monomode cable	45 km
Multimode cable	21 km
Rack unit TUPON	
Interface 2,048 kbps	G.703; 75 ohms and 120 ohms
Power consumption	<4.3 W
Desktop unit TUNOR	
Interface 2,048 kbps	G.703; 75 ohms and 120 ohms
	X.21/V.11
Network termination	ISDN PRA ITU-T I.431 (one port, optional)
Power supply and consumption	230 V AC <12 VA
	48 V DC <6 W
Other	
Dimensions (W x D x H)	240 x 280 x 42 mm
Weight	2,200 g

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