

## KEYMILE UMUX 900 leads the way of transporting multimedia within mobile access networks.

**Compactness, cost-efficiency and versatility highlight the UMUX 900, which is best suited for wireline transport applications into GSM, GSM-R and 3G/UMTS networks.**

### COMPACT – BUT FULLY UMUX!

UMUX 900 shares the same product concept and architecture as the UMUX 1200 and 1500.

The compactness and flexibility of the equipment allow for direct integration into GSM, GSM-R and 3G/UMTS base transceiver stations (BTS).

To satisfy the various requirements of wireline transmission in mobile networks, a wide range of integrated electrical and optical interfaces are supported: xDSL, PDH OPTO 4x2 and SDH STM-1. Furthermore, the built-in SDH functionality – STM-1 ADM/TM – makes the UMUX 900 an integral part of the transport network.

As a member of the UMUX family, UMUX 900 network elements can be managed by means of the well proven UCST (EMS) and UNEM (NMS).

### MAIN FEATURES

- Designed for GSM, GSM-R and 3G/UMTS transport applications
- Modular 6 slot chassis
- Integrated fan unit as option
- SDH STM1-ADM/TM functionality
- Optical (SDH STM-1, PDH OPTO 4x2) and electrical (E1, G.SHDSL, HDSL and S-HDSL) interfaces
- N x 64kbps and N x 2Mbps handling
- 1/0 and 1/1 cross-connect capability
- Fully managed

### APPLICATIONS

The typical location of the UMUX 900 is into a BTS's outdoor cabinet, where it is used for back-hauling BTS's traffic to base station controllers (BSC) or radio network controllers (RNC) using optical fibre and/or copper lines.

### 2G TO 3G NETWORK MIGRATION

When migrating 2G to 3G networks, the characteristics of UMUX 900 allow satisfying the bandwidth requirements of today's 2G/GSM and future 3G/UMTS networks supporting incremental steps in terms of investment and transport capacity.

### FITS INTO EVERY MOBILE NETWORK

Through the combination of the modularity and flexibility of its interfaces with its TM and ADM functionality, the UMUX 900 optimally fits in any wireline transmission network.

Interoperability with third party network elements is achieved through the provisioning of open interfaces.

UMUX 900 is available in a modular 3U high and 19" wide chassis featuring 6 slots. The same chassis can be installed into an ETSI rack using rack adapters.

Contact us for more information about the UMUX 900.

