

XON1300 - The System Concept



- ◆ Clear separation of network termination and service gateway
- ◆ Designed for an operating life time > 10 years
- ◆ Four Gigabit Ethernet LAN interfaces support all services
- ◆ TR069 management offers a broad range of monitoring and configuration options
- ◆ Flexible configuration architecture supports the Open Access approach
- ◆ Enables installation of active equipment by the subscriber

Connecting the World at the Speed of Light



BKtel develops and manufactures active equipment for FTTH and HFC networks for 20 years. Our product lines offer modular and flexible solutions which guarantee high data transfer rates, as well as telephony and television services. Since 2004 BKtel`s products are well established in the emerging FTTH market. Our portfolio includes a wide range of optical transmitters, amplifiers, receivers and currently the fourth generation of customer premises equipment: the XON1300.



BKtel communications GmbH
Benzstrasse 4, 41836 Hueckelhoven-Baal
Phone: +49 (0) 24 33/91 22-0, Fax: +49 (0) 24 33/91 22-99
Office Kornwestheim:
Bahnhofstrasse 82, 70806 Kornwestheim
Phone: +49 (0) 71 54/1 59 90-0, Fax: +49 (0) 71 54/1 59 90-77
www.bktel.com
info@bktel.com

XON1300

FTTH Network Termination



Modularity Saves Investment and Service Costs

No matter if it concerns the housing industry, a city carrier or a utility company, easy planning and scaling of the FTTH network is a key point in the deployment process. Terminating the network with the XON1300 provides the ideal solution.

Flexibility:

The XON30.W wallmount unit acts as a passive network termination and can be installed independently from the active XON1300 unit.

Reduction of Operational Costs:

Simple insertion of the XON1300 into the wallmount unit and placing into operation is carried out by the end user. Modification in services requires only an exchange of the active equipment.

Durable & Robust Technology:

Excellent quality and robustness guarantee a long life time and a high reliability of the device preparing the network for future bandwidth requirements.

Designed for the Living Room:

A timeless housing design in the smallest form factor suitable for the living area. Winner of the RedDot Award.



Versatility Increases Success



Thanks to its modular concept the XON1300 can be used in various point-to-point FTTH applications. The module is available in different versions, each for 1- and 2-fiber topologies:

- ◆ XON1300.SC with CATV and Gigabit Ethernet Switch
- ◆ XON1300.S with Gigabit Ethernet Switch
- ◆ XON1300.C with CATV
- ◆ XON1300.C WDM with CATV for using in G / GEAPON networks
- ◆ XON1300.P for free choice of routers



Raise the Attractiveness

- ◆ Finding tenants, binding tenants - raise the attractiveness of your premises. Each subscriber is free to make his choice of services. The active XON1300 module can be mailed enabling a quick installation or replacement.
- ◆ Today utility companies extend their portfolio to include internet, telephony or CATV. When building new infrastructures, connections up to the subscribers can be planned flexibly. The activation of the connection can be made later without great service costs.
- ◆ FTTH networks are future-proof investments for cities, municipalities and communities. Thanks to pre-installation, the service costs are reduced to a minimum.

