

Innovative Remote-PHY solution launched by BKtel

BKtel is extremely pleased to announce the launch of its new Remote-PHY (R-PHY) platform. This platform is available for deployment irrespective of whether compact nodes or BK modules are required. Compliance to CableLabs R-PHY standards has been successfully validated. Close cooperation with major CCAP core manufacturers also ensures comprehensive interoperability. BKtel fully supports OpenRPD as we are convinced that this initiative leverages interoperability. A flexible FPGA based platform supports node configurations up to 2x2 and enables adaption to individual MSO requirements to support legacy Out of Band services such as HMS, Frequency Sweep, FM and DAB+. BKtel will continue to enhance its new R-PHY platform by introducing additional features such as Digital Pre-distortion (DPD), Full Duplex (FDX) and advanced RF channel loading.

R-PHY Compact

BKtel's new compact R-PHY node profits from all features and advantages of the new R-PHY solution. The innovative concept enables the upgrade of all ORA 9222-1G2 fibre nodes to a compact R-PHY device. This includes already deployed fibre nodes. As a result, operators can profit from a fast, smooth and economic migration from a classical HFC to a Digital Access Architecture (DAA).

R-PHY BK

For application in BK type networks BKtel has introduced an R-PHY BK module, which is fully compliant to all requirements, including the required power consumption, ambient temperature, space and electrical interfaces (e.g. RF AB levelling) in the specific BK environment. These properties enable MSOs to upgrade their existing BK node installations to achieve the same benefits of a Digital Access Architecture as for the R-PHY compact node.

R-PHY System

BKtel is highly engaged in customized system development and maintains close interaction with Network Operators to support their successful rollout of Digital Access Architectures. In particular, integration of legacy services for network maintenance (HMS sweep) and integration of existing Broadcast Services (DVB, FM) are key examples of interactive system development.

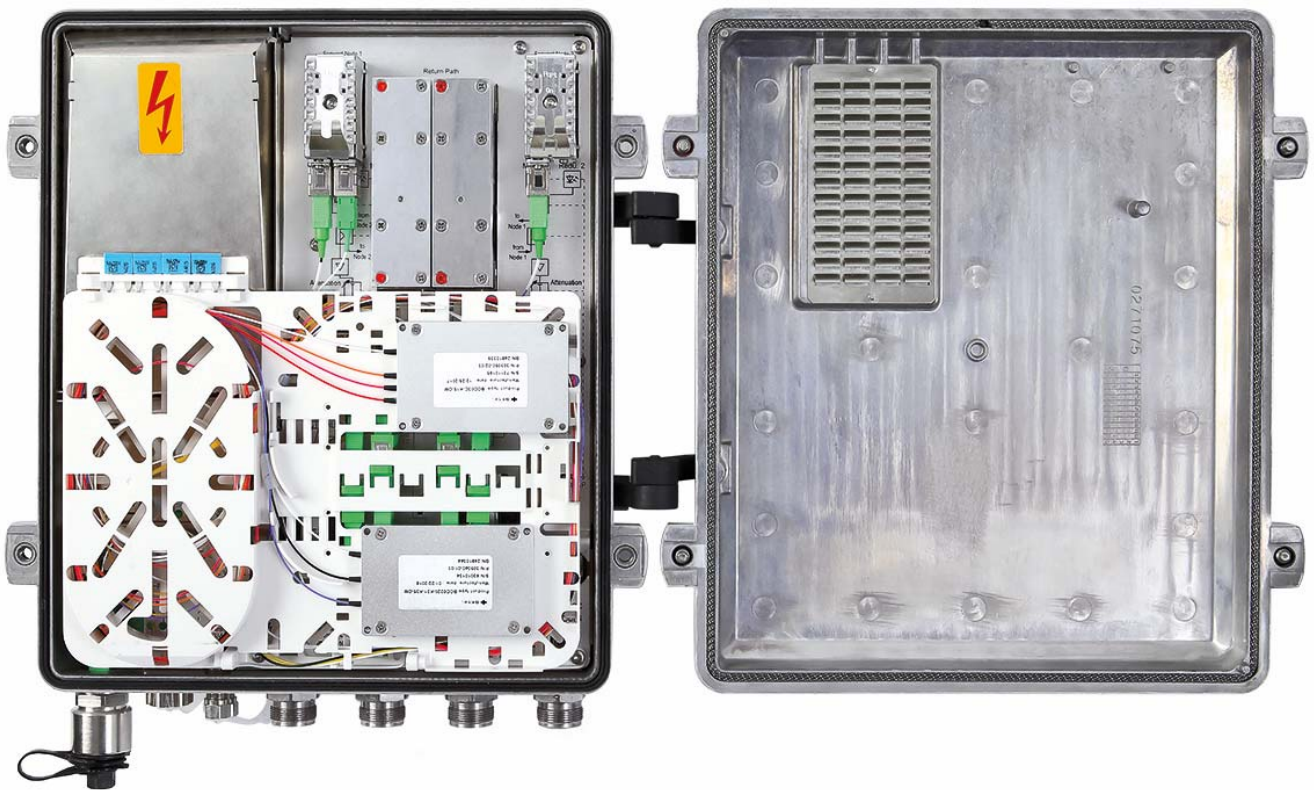
"We are convinced of the potential of Remote PHY technology as a prime enabler for future services with capacity-hungry requirements. Furthermore, we believe that the rollout of Digital Access Architectures can only be successful by maintaining a close co-operation and interaction with Network Operators", said Michael Mertens, Director Global Sales at BKtel.

"Cisco fully supports systems interoperability and open standards-based software," said Sean Welch, Vice President and General Manager of the Cable Access Business Unit, Cisco. *"Our interoperability collaboration with BKtel demonstrates that Distributed Access Architecture and the OpenRPD initiative foster multivendor networks with unmatched flexibility, allowing to bring DAA to different outdoor Node requirements."*

The new innovative R-PHY concept will be presented on BKtel's ANGA COM booth P30 in hall 8. A live demo can also be seen at Cisco's booth E20, showing interoperability of BKtel's R-PHY solution with Cisco's cBR-8 CCAP core.

About BKtel

BKtel develops and markets active and passive equipment for FTTH, RF Video Overlay, RFoG and HFC broadband networks and related network management. The product portfolio includes a wide range of products starting from optical transmitters, optical amplifiers, optical receivers, Remote-PHY solutions, optical return channel systems, customer premises equipment up to DWDM technology for upstream and downstream applications, coaxial amplifiers and accessories.



Contact:
BKtel networks GmbH
Mangfallstrasse 37
83026 Rosenheim, Germany
Phone: +49 (0) 80 31 / 7 96 75-0