

We have partnered with Nokia and Axians to upgrade REN's optical transmission network and provide maintenance support during its full lifecycle. It was a two year project and we were able ...

We propose SDM optical interconnect using 4-core and 8-core MCFs with an optical circuit switch, emulating the spine-leaf network topologies in intra-data centers for high capacity, ...

More than 20 years of experience in optical, communication and high-speed solutions to networking. We focus on providing a complete and accessible solution to ISPs, Telecom and Data Centers .

GN25L99 is a combined a 2.5Gbps DML Driver and 1.25Gbps burst mode limiting amplifier for gigabit passive optical network (GPON) optical line terminal (OLT) applications. The laser driver provides ...

Integrated DML or EML modulator driver and on-board management processor simplify module implementation and reduce BOM costs. The MACOM PRISM-50D(TM) device enables 50G links using ...

Axians Portugal and Nokia support REN in building a state-of-the-art mission-critical transmission network with DWDM/OTN technology.

Inphi's 16-nm 400-Gbps Porrima single-lambda PAM4 platform spans EML, DML, and silicon photonics based optical front ends for the upcoming generation of 12.8-Tbps switches, as well as...

Existem duas grandes normas PON atuais: Rede Óptica Passiva Gigabit (GPON) e Rede Óptica Passiva Ethernet (EPON). As suas estruturas topológicas são basicamente as mesmas.

The feasibility, challenges, and potential of next-generation optical networks are described in a survey of state-of-the-art optical networking testbeds. Animations showing how the key optical switching ...

Web: <https://www.tlaetsoglobal.co.za>