

## **Furukawa and Xena Networks first to demonstrate 100 GbE with OM4 Multimode Fibers in Latin America**

*This first-ever demonstration featured Furukawa's TeraLAN HDMPO solution being used with OM4 Multimode Fibers and MPO connectors for 100 Gigabit Ethernet data transmission over long distances in data centers and enterprise networks. Combined, the technologies allow the cost-effective expansion of next-generation high-speed networking.*

**Curitiba, September, 2011** – Furukawa, the leading Brazilian cabling and optical networks solutions manufacturer, recently conducted 100Gbps Ethernet data transmission performance and inter-operability tests using Xena Networks test equipment.

Conducted in the Furukawa's laboratories in Curitiba, Brazil, the tests involved Furukawa's TeraLAN HDMPO solution, which features their OM4 multimode optical fibers and MPO connectors, and Xena Networks' 100Gbps test module.

Now available from Furukawa, the TeraLAN HDMPO solution lets data centers and enterprises cost-effectively expand their networks with high speed communication through the use of compact high density connectors (MPO) and future-proof OM4 fiber.

"IEEE 802.3ba was approved last year but there is lack of knowledge about how to design, install and test a real 100Gbps communication system. Partnering with Xena Networks let us test and prove our OM4 MMF channel links by simulating a real network, and it was the first demonstration of this 100G application involving MMF fibers in Latin America", says Fabio Kumasawa, manager of System Engineering of Furukawa.



*The 100 Gigabit Ethernet tests involved using a XenaCompact chassis equipped with a 100G Ethernet test module to demonstrate the performance of Furukawa's advanced cabling solutions over long distances.*

"Like Furukawa, Xena Networks is committed to driving down the cost of deploying 100 Gigabit Ethernet. Using our test equipment, Furukawa proved they can help data centers

and enterprises drop the price tag of upgrading their existing cabling infrastructure to next-generation 100Gbps network architecture,” said Christopher Lind Arlaud, VP Marketing at Xena Networks.

Furukawa’s TeraLan HDMPO optical cabling Solution for Data Centers and Companies is part of the Furukawa Cabling System (FCS ), a set of solutions already available for networks from 100Mbps to 100GbE.

**About Furukawa** – A manufacturer of structured cabling solutions and optical networks, Furukawa is the national leader in the area of Cabling in Brazil, Chile, Paraguay and Uruguay. The Japanese company is present for 37 years in the Latin America market, with a head office and industrial plant in Curitiba, Paraná. The manufacturer also has two more optical cable plant in the region (Argentina and Brazil), to fulfill the local demand and enhance logistics and distribution of products to the other Iberian-American markets. Furukawa acts through a distribution network, integrators and authorized training centers in the entire region. More information: [www.furukawa.com.br](http://www.furukawa.com.br)

**About Xena Networks** – Founded in 2007 and based in Denmark, Xena develops affordable, easy-to-use, and flexible L2-L3 gigabit Ethernet test solutions. The company markets its products through an international network of partners. Xena Networks was recently crowned as one of Red Herring’s Europe Top 100 tech start-ups. In 2010 they won Frost & Sullivan’s “Global Gigabit Ethernet Test Equipment Entrepreneurial Company of the Year Award” as a result of their innovative business approach to the gigabit Ethernet test market. More information: [www.xenanetworks.com](http://www.xenanetworks.com)