

NeoPhotonics Adds 40km and 80km Versions to its Portfolio of SFP+ Transceivers

Posted by Janine E. Mooney, Associate Editor

NeoPhotonics Corporation announced that it has added new versions to its SFP+ transceiver product suite. These additions enhance the existing portfolio of 6G SFP+ transceivers for Common Public Radio Interface (CPRI) and 10G SFP+ transceivers for 10G Ethernet and OC-192/STM-64 SONET/SDH Transport.

NeoPhotonics new SFP+ transceivers also address the “green” transition in networking toward lower power and smaller footprint modules, which reduce overall power consumption in communication systems and support the ever higher face plate port density necessary to meet rapidly growing bandwidth demands. The SFP+ MSA allows for a maximum of 1.5 Watts of power consumption per module without Clock and Data Recovery (CDR), whereas the older XFP MSA allowed 3.5 Watts, or more than double the power, for an equivalent transceiver module. NeoPhotonics portfolio includes several versions that cover both 40km (ER) and 80km (ZR) reach and support various communication protocols.

“The introduction of new SFP+ transceivers underlines our commitment to the high speed segment of the transceiver market,” said Tim Jenks, Chairman and CEO of NeoPhotonics. “We are pleased to support our customers in their green efforts to reduce the power consumption and carbon footprint of their broadband networks, and to meet their growing needs for higher optical port densities on their equipment shelves,” continued Mr. Jenks.

SFP+ transceivers without integrated CDR are designed to support 10G Ethernet transport and comply with IEEE 802.3-2005 and 802.3-2008. Transceivers with integrated CDR are designed to support OC-192/STM-64 SONET/SDH and comply with the ITU-T Recommendation G.709 for Optical Transport Network (OTN) at the OTU2 line rate. All of these transceivers are designed to meet Telcordia GR-468 CORE qualification requirements and cover the extended operating temperature range of -5 to +85°C (E-Temp). Both RoHS5 and RoHS6 versions are available. The SFP+ ER and ZR transceivers are available in sample quantities.

NeoPhotonics will showcase its new line of SFP+ transceiver modules alongside its Fiber-to-the Home (FTTH) transceiver products and PIC-based products for 40 and 100 Gbps at the China International Optoelectronic Exposition (CIOE), in booth T323 of the Shenzhen Convention Center, September 6-9.

For additional information, visit www.neophotonics.com [1].

Source URL (retrieved on 01/29/2015 - 10:43pm):

NeoPhotonics Adds 40km and 80km Versions to its Portfolio of SFP+ Transceivers

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

<http://www.wirelessdesignmag.com/news/2011/09/neophotonics-adds-40km-and-80km-versions-its-portfolio-sfp-transceivers>

Links:

[1] <http://www.neophotonics.com>