

# Aurora Networks Equips Cable Operators with Transmitter Toolkit

Aurora Networks Equips Cable Operators with a Complete Full Spectrum, Multi-Wavelength Transmitter Toolkit

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## Company offers the widest range of transmitters for today's cable operators

**SANTA CLARA, CA - October 18, 2011** - Aurora Networks, Inc., the No. 1 optical transport solutions provider for cable operators, announces today that it offers the widest range of full spectrum, multi-wavelength transmitters in the industry, further demonstrating how the company continues to be the leading innovator of cutting-edge technology for today's evolving cable industry.

Cable operators continue to need more capacity-per-subscriber to support their rich and ever-expanding product offering. Segmentation using high performance full spectrum, multi-wavelength technology is a crucial tool to achieve this capacity increase, eliminating the need for very costly fiber construction. With LcWDM<sup>®</sup> optimized for the 1310 nm "O"-band window and the AT3545G and AT3552 families primed for the 1550 nm "C"-band window, cable operators can select the technology that best aligns with their network needs. Moreover, these transmitters enable a cable network's eventual evolution to full QAM capabilities, including a seamless migration to a future CCAP (Converged Cable Access Platform) deployment if desired, given their support for both analog plus QAM loading and all-QAM loading.

### What Aurora Networks says

"Increasing network capacity has traditionally gone hand-in-hand with expensive fiber construction," says John Dahlquist, vice president, marketing, Aurora Networks. "Our full spectrum, multi-wavelength transmitters enable cable operators to at least quadruple their capacity-per-subscriber without the need for fiber construction – resulting in a huge cost-saving to the operator compared with traditional methods."

### Full Spectrum Transmitter Solutions

- **AT3545G "C"-band DWDM full spectrum transmitters** – AT3545G series "C"-band DWDM transmitters support both analog plus QAM channel loading up to 1 GHz, to full QAM channel loading, for delivering advanced services over 16 wavelengths on one fiber. In addition, these transmitters provide support for the planned CCAP initiative in both broadcast/narrowcast (BC/NC) overlay systems - as narrowcast transmitters, as well as in full spectrum applications, including RFoG deployments.
- **AT3552 "C"-band DWDM full spectrum transmitters** – Complementary with the AT3545G, these transmitters support the same channel loading, over the same 16 wavelengths but with

enhanced performance. This enhanced performance supports an extended reach solution for operators. In addition, these transmitters can be used as broadcast transmitters in BC/NC overlay systems, as well as in full spectrum applications, including RFoG deployments using Aurora Networks' remote RFoG Repeater VHub™.

- **LcWDM "O"-band multi-wavelength, full spectrum transmitters** – Cost-optimized for delivering increased bandwidth capacity per fiber for shorter reaches, these industry-leading transmitters provide support for expanding service demands. They also enable up to eight separate wavelengths to be carried in the "O"-band on one fiber.
- **Three full spectrum transmitter families** – All are compact single-width modules, designed to ensure the highest possible chassis density is achieved. All can be used simultaneously, enabling up to 24 wavelengths per single fiber.

### **About Aurora Networks**

Aurora Networks, the No. 1 optical transport solutions provider for cable operators, is evolving cable by focusing on innovative solutions that build future-proof networks to accommodate the cable subscriber services of today and tomorrow. Using its proven understanding of cable networks, Aurora Networks delivers unique solutions - such as its Fiber Deep architecture and digital return technology - to address specific issues of the cable industry. A technology leader driven by innovation and industry-firsts, Aurora Networks enables leading cable operators across the globe to compete with a cost-effective, optimized launch pad for next-generation cable services. To learn more about Aurora Networks' core cable solutions, please call 408-235-7000 or visit [www.aurora.com](http://www.aurora.com).

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