



Harmonic Significantly Improves Bandwidth Efficiency with New CWDM Forward Path Transmitters

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Cable Network Segmentation Solutions Using PWRLink(TM) 1310 nm

CWDM Transmitters Quadruple Bandwidth Available to the Home

COLOGNE, Germany--(BUSINESS WIRE)--May 23, 2007--Harmonic Inc. (NASDAQ:HLIT) today expanded its family of high-performance PWRLink(TM) transmitters with the introduction of CWDM-based 1310 nm forward path transmitters that significantly enhance cable operators' ability to deliver more bandwidth to the home. The new PWRLink transmitters make it possible to easily increase available bandwidth without adding new fiber by combining multiple wavelengths to deliver traffic to the node. Cable operators deploying these new transmitters can increase revenues by expanding capacity for value-added services, while minimizing capital expenditures with a highly scalable solution that is fully compatible with the existing access network infrastructure.

Applications such as high definition (HD) television, video-on-demand (VOD), high-speed Internet and gaming have created a dramatic increase in demand for bandwidth. Deploying additional fiber closer to the home is one way to increase capacity but is normally very costly and not always a feasible option. Harmonic's use of CWDM technology in its new transmitters offers an alternative by providing two or more wavelengths in the 1310 nm frequency band that can be combined onto a single fiber for forward transmission and then separated at the node to be demultiplexed and processed by different receivers. Thus, without any change in the fiber links or node locations, capacity can be greatly expanded.

"Cable operators have needed to expand bandwidth over the years as channel counts grew, but today the requirements are escalating as never before due to the highly bandwidth-intensive services that continue to grow in popularity," said Sunil Frida, Director of HFC Solutions for Harmonic Inc. "HD, VOD and high-speed data in particular are driving the need for more forward capacity. Harmonic addresses the bandwidth crunch in a number of ways, with solutions including ultra-efficient compression, switched digital video and network segmentation. The new PWRLink CWDM transmitters help to optimize bandwidth by using multiple fiber wavelengths to transport more traffic to the node. With these systems, cable operators now have a highly cost-effective, scalable and easy-to-implement solution that saves on fiber usage and also provides more flexibility by enabling different wavelengths to carry different types of traffic or content according to the operator's specific requirements."

The new PWRLink CWDM transmitters are part of Harmonic's industry-leading family of 1310 and 1550 nm optical transport products that enable cable operators to effectively and efficiently deliver the latest generation of broadband video, voice and data services. Harmonic's full range of flexible fiber-based transmission solutions also includes analog/digital return path, CWDM-based commercial services and scalable DWDM digital transport systems. Using advanced technology that leverages the operator's existing outside plant and minimizes operating costs, Harmonic's broadband network solutions deliver a wide range of residential and business services for leading cable operators around the world.

Harmonic will demonstrate the new PWRLink transmitters at booth #G8 of the ANGA Cable 2007 exhibition in Cologne, Germany, from May 22-24 and booth #373 of the SCTE Cable-Tec Expo in Orlando, Florida, from June 20-22.

About Harmonic Inc.

Harmonic Inc. is a leading provider of versatile and high performance video solutions that enable service providers to efficiently deliver the next generation of broadcast and on-demand services including high definition, video-on-demand, network personal video recording and time-shifted TV. Cable, satellite, broadcast and telecom service providers can increase revenues and lower operational expenditures by using Harmonic's digital video, broadband optical access and software solutions to offer consumers the compelling and personalized viewing experience that is driving the business models of the future.

Harmonic (NASDAQ:HLIT) is headquartered in Sunnyvale, California with R&D, sales and system integration centers worldwide. The Company's customers, including many of the world's largest communications providers, deliver services in virtually every country. Visit www.harmonicinc.com for more information.

This press release contains forward-looking statements within the meaning of Section 27(A) of the Securities Act of 1933 and Section 21(E) of the Securities Exchange Act of 1934, including statements related to: escalating bandwidth requirements, bandwidth-intensive services that continue to grow in popularity, and the need for more forward capacity.

Our expectations and beliefs regarding these matters may not materialize, and actual results could differ materially from those projected. The forward-looking statements contained in this press release are also subject to other risks and uncertainties, including those more fully described in Harmonic's filings with the Securities and Exchange Commission including its recent Reports filed on Form 10-K and Form 10-Q. Harmonic does not undertake to update any forward-looking statements.

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