Dual Central Office VDSL2 Splitter Module Reduces Required Board Real Estate by 40%

Pulse Electronics Corporation introduces the first dual central office VDSL2 splitter module. The B8891DVNL combines two central office (CO) splitter modules onto one platform. This compact configuration increases available printed circuit board space by 40% while reducing the component count, resulting in new possibilities for high density board applications.

Designers can increase the number of channels, potentially increasing a 24 channel CO splitter board to a 48 channel board, while maintaining the same printed circuit board dimensions, or can get the same functionality from a much smaller circuit board. Pulse Electronics' dual CO splitter module is used on a rack card in a DSLAM or within roadside cabinets to combine or split the POTS (plain old telephone service) from DSL (digital subscriber line) data. The module is compliant to China MII YD/T 1187-2006 ADSL2+ and VDSL2 600 ohm applications. It is RoHS-6 compliant and TR-127 compliant for ADSL2 and VDSL2 applications. TR-127 is a technical report developed by the Broadband Forum to ensure the highest quality delivery of voice, data, and video services (triple play) by maximizing the interoperability of splitters and in-line filters with DSLAMs and modems.

The dual splitter modules are supplied in trays, but other packaging options are available. Price and availability depend on volume. Samples and prices are available upon request. More information on Pulse Electronics' B8891DVNL dual central office splitter module can be found on datasheet B600 located on the Pulse Electronics website at: http://productfinder.pulseeng.com/products/datasheets/B600.pdf

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