



## PRESS RELEASE

### **Low-Pass, High-Density Splitter/Filter Modules, Suitable for VDSL2 Applications**

Focus EDL, the leading electronic components distributor specializing in providing the communications and high-performance datacoms industries with a broad range of products from the United States, Asia and Europe, announces a series of xDSL, high-density, low-pass splitter/filter modules suitable with very-high-bit-rate digital subscriber line (VDSL2) applications.

Although designed for VDSL2, these new modules from Pulse can also be used in ADSL and ADSL2+ applications. The new B8841NL complies with the ETSI (European Telecommunications Standards Institute) 600 ohms real impedance standard, and the B8846NL meets the ETSI option B and BT (British Telecom) SIN-346 complex impedances. Combining two standards in one module allows the B8846NL to replace two SMART modules, the B8048E and the B8546E, with one. The modules separate voice and data in xDSL applications.

The B8841NL and B8846NL modules are 17mm x 13mm which is one-third the size of standard SMART modules, saving valuable board space. Because they can carry frequencies up to 30 MHz, rather than the 2.2 MHz for SMART modules, they can be used for the latest broadband wireline standard VDSL2 to provide triple play (voice, video, data) services such as high-definition television (HDTV) and interactive gaming.

Pulse's low-pass splitter/filter modules are constructed without a housing and use fewer inductors than were required by the SMART modules to achieve the same functions, making them more cost-effective.

The modules are RoHS-6 compliant. The splitter/filter modules are pin-to-pin compatible, so the same board layout can accommodate different standards for different countries just by changing the component model. They are also turnkey -- fully tested with ready-to-use electrical modules, meaning system integrators need only add the mechanical functions to the splitter board.