



PRESS RELEASE

xDSL integrated splitter/filter modules save design time and boost voice quality

Focus EDL announces a series of xDSL integrated low-pass splitter/filter modules which have been designed to achieve excellent voice quality by separating voice and data signals and filtering interference out of the data signals in xDSL applications.

Produced by Pulse, the filters are complete, ready-to-use electrical modules - system integrators need only supply the mechanical functions to the splitter board. And, because they integrate up to 15 inductors, capacitors and resistors into a fully tested, compact, through-hole package, these filter/splitter modules save designers considerable time and expense of building filters from scratch.

The splitter/filter modules meet the full range of ANSI, ETSI, and ITU standards for ADSL and ADSL2+, thus covering all xDSL applications worldwide. Some VDSL2 compatible modules are already available.

Pulse's SMART series of splitter/filter modules are pin-to-pin compatible so that the same board layout can accommodate different standards for different countries by just changing the component.

The SMART modules support plain old telephone service (POTS), integrated services digital network (ISDN), and voice over Internet protocol (VoIP) installations. They can be used in central office (CO) applications as single-line low-pass filter solutions mounted on the digital subscriber line access multiplexer (DSLAM), multi service access node (MSAN) splitter board, or main distribution frame (MDF). They can also be used in customer premises equipment (CPE) applications enabling the low-pass filter function to be embedded inside the modem or home gateway.