

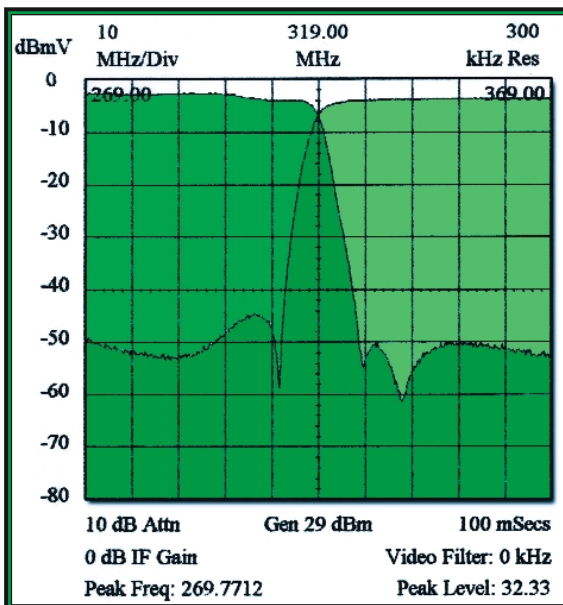
Split Band Filters For Fiber Optic Systems

Model PDI-FVX619



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Dimensions: 19"W x 2 1/4"H x 5"D

The PDI-FVX619 is a specialized diplex filter for fiber optic networks designed to minimize noise and offer economies in the use of transmitters. By splitting the passband in a unique manner, group delay inherent in such filters is kept exceptionally low and the response is very flat. This filter enables the use of less expensive laser transmitters to load a 54MHz to 1GHz passband by custom choice of various low and high crossover points. The unit is rack mounted with each 1.75" panel able to hold 3 filters.



SPECIFICATIONS:

Spectrum available:	5-1000 MHz
Passband response:	±0.5 dB
Insertion loss:	5 dB (filter and internal splitter)
Group delay:	<20ns/channel
Undesired band rejection:	>-50 dB @ 10 MHz from knees
Return loss:	>15 dB
Impedance:	75 ohms