Adjustable bandwidth optical modulator

It is ideal for applications such as driving EML, EAM, and Mach-Zehnder devices, and can also function as a wideband RF amplifier with a usable bandwidth of up to 20 GHz. The module features an ...

Our EO modulators use MgO-doped lithium niobate to enable operation at higher power and shorter wavelengths. The modulators have an SMA RF input and are directly compatible with our HVA200 ...

YENISTA proposes a flat-top tunable filter with adjustable bandwidth. Wavelength tuning ranges over 1450 nm to 1650 nm whereas the bandwidth can be adjusted from 50 pm (6.25 GHz) to 800 pm (100 ...

The manually adjustable variable bandwidth tunable filter is a pig-tailed component with adjustment knobs that allow both the wave-length and bandwidth of the filter to be controlled.

While optical interconnects offer a promising pathway to overcome the bandwidth limitation, conventional electro-optic modulators face a bandwidth-footprint trade-off. Here, we...

Generate and control phase-modulated optical signals at 11 GHz, 20 GHz, 23 GHz or 40 GHz of bandwidth. Supports M-QAM, M-PSK and custom modulation formats and Baud rates beyond 64 ...

HyperLight"s packaged electro-optic modulators leverage our industry-leading TFLN Chiplet(TM) platform to deliver operational bandwidth exceeding 145 GH z in a high quality, compact, commercial-grade ...

With the XTM-50 both center wavelength and bandwidth can be independently adjusted. It is manually controlled and versions are available covering all the key telecom wavelengths from 1260 nm to1650 ...

The approach to adjust the bandwidth was based on filtering the optical spectrum of the MLD by using tunable optical bandpass filters. Two approaches to demonstrate the adjusting of the ...

The fiber-coupled integrated optical modulators from Jenoptik are ideal for the amplitude or phase modulation of laser light. You can cover wavelengths of between 500 and 1.750 nanometers. The ...

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