

Hungarian Wavelength Division Multiplexer Manufacturer



Overview

The AWG (arrayed-waveguide grating) multiplexer/demultiplexer combines and splits many channels (up to 88) of optical signals with different wavelengths useful in DWDM systems. The products feature both Gaussian and flat-top types that offer narrow channel spacing (100GHz or 50GHz) and. We produce fiber-coupled Wavelength-Division Multiplexing (WDM) devices that combine (Mux) or separate (DeMux) multiple wavelength channels into or from a single optical fiber. As 5G, cloud, and AI workloads soar, DWDM is no longer a telecom-only domain—it's a digital economy enabler. In 2025, this market. Dense wavelength division multiplexing (DWDM) is an optical multiplexing technology used to increase the bandwidth of fiber-optic networks. Our DWDM modules include MUX/DEMUX.

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This wavelength division multiplexing buying guide provides technical background, comparison of major types, selection criteria, and an overview of suppliers.



Please refer to Data sheet for detailed specifications. If you need a different model number, please feel free to ask a quotation.



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Find your multiplexer easily amongst the 131 products from the leading brands (RIELLO, GM International, SRS, ...) on DirectIndustry, the industry specialist for your professional purchases.



DWDM works by combining and transmitting multiple signals simultaneously at different wavelengths on the same fiber strand. In essence, the technology creates multiple virtual fibers, therefore multiplying ...



Corning offers an extensive line of high-performance dense wavelength division multiplexer (DWDM) components that combine, or multiplex, and separate, or demultiplex multiple optical signals of ...



Our wavelength division multiplexers maximize your network capacity. Crafted with precision for optimal performance and reliability.



We provide custom wavelength mappings, channel assignments per ITU grid, OEM logo printing, and rack integration services. Our DWDM Mux/Demux units can be paired with optical amplifiers ...



As specialists in WDM multiplexing, Pro Optix offer four different series of WDM multiplexers to our customers, depending on performance and density requirements, so please liaise with the Pro Optix ...



DWDM is an optical multiplexing technology that combines multiple data channels at different wavelengths over a single optical fiber, enabling high-capacity, long-distance transmission.



Please refer to Data sheet for detailed specifications. If you need a different model number, please feel free to ask a quotation.

Contact Us

For more information, pricing, or custom network solutions, please contact us:

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