About Finisar

Finisar Corporation is a technology leader for the fiber optic subsystems and network performance test systems. These product enable high speed triple play communications for networking and storage applications over Ethernet Local Area Networks (LANs), Fibre Channel Storage Area Networks (SANs) and Metropolitan Area Networks (MANs).

Finisar has been at the forefront of delivering breakthrough products for the storage and networking industries to meet the global explosion in the world’s need for information and bandwidth. These industry leading products include optical components and modules for network equipment vendors, instrument and software for communications designers, products and services for large enterprise storage networks. Finisar has established a vertically integrated business model that includes internal off-shore manufacturing capabilities that allow the company to deliver a broad portfolio of high volume products within critical market windows, with world class quality and reliability. Additionally, Finisar offers a wide range of products, services, and complete solutions for specific markets.

With more than 4,000 employees, Finisar has sales, channel, and support offices worldwide. The Company is headquartered in Sunnyvale, California (USA) with product development and manufacturing facilities located in California, Massachusetts, Texas, Malaysia, China, and Singapore. Finisar is traded on NASDAQ under the symbol FNSR.

Finisar®
Advanced Optical Components Division

For further product information or sales inquiries, contact us or visit our website:
www.finisar.com/aoc.php
Email: salesAOCD@finisar.com
Phone: 1-866-698-2735 (USA) or +1-214-509-2800
With more than 100 Million optical components operating in the world today, Finisar Advanced Optical Components is the leading supplier of active and passive components for data and telecommunications systems.

- Field Proven Reliability
- Excellent On Time Delivery
- Custom and Standard Products
- Vertically Integrated Operations
- Global Sales Team
- High Volume Manufacturing
- ROHS Compliance for all Products
- Extensive Patent Protection

**1310nm Active Components**

Finisar offers Fabry-Perot (FP) and Distributed Feedback (DFB) lasers in the 1310nm window. The state-of-the-art lasers are based on proprietary ridge waveguide structures formed in InGaAlAs/InP. The superior material system provides optimal performance for both high speed and high temperature operation. The design, wafer growth and fabrication of the FP and DFB lasers, high-speed PIN detectors and monitor photodiodes takes place in our world-class facility located in Fremont, California. The component assembly operations of these products take place in Ipoh, Malaysia.

**850nm Active Components**

Long held as the gold standard to which all other VCSELs (Vertical Cavity Surface Emitting Lasers) are measured, Finisar has been producing AlGaAs/GaAs devices since 1996. Finisar has recorded a number of VCSEL “firsts”, including commercialization, reliability understanding, and high volume manufacturing. The design, wafer growth, and fabrication of both VCSELs and high speed PIN photodiodes takes place in our world-class facility in Allen, Texas. Assembly operations are in Ipoh, Malaysia.

**Passive Components**

Finisar is a premier supplier of passive optical components used in the production of optical circuits and modules. Product offerings range from optical isolators for the module manufacturer to complex interleavers, circulators and MUX/DEMUX products for WDM (Wavelength Division Multiplexing). The design, manufacturing, and assembly operations of all passive optical components takes place in Finisar’s first class manufacturing site in Shanghai, PRC.

**Application Selection Matrix**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>850nm VCSELs and Detectors</th>
<th>1310nm FP Lasers and Detectors</th>
<th>1310nm DFB Lasers and Detectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>0.1 to 10Gbps*</td>
<td>0.1 to 10Gbps*</td>
<td>0.1 to 10Gbps*</td>
</tr>
<tr>
<td>Distance</td>
<td>0 to 300m</td>
<td>0 to 10km</td>
<td>0 to 80km</td>
</tr>
<tr>
<td>Fiber Type</td>
<td>MMF, Ribbon</td>
<td>SMF, MMF</td>
<td>SMF</td>
</tr>
<tr>
<td>Package</td>
<td>TO-46</td>
<td>TO-56</td>
<td>TO-56</td>
</tr>
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<td>SC/LC TOSA/ROSA</td>
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* 17Gbps and 25Gbps components in development.
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