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Avvio Networks  
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## **Press Release**

### **Avvio Networks' AM2554 Protocol Independent Module**

#### ***The 'Swiss Army Knife' of Optical Transport Modules***

**Bedford, MA - November 13, 2008** – The AM2554 module is a very simple, versatile eight port switch with user-accessible SFPs. The module works with up to eight signals of any protocol at any data rate from 155Mbps to 2.7Gbps. A built-in 8X8 switch allows for a manifold of uses on the same module, including optical APS and broadcast.

One common application uses the AM2554 as a wavelength shifter and 2R repeater in WDM ring and point-to-point applications. Up to four (4) bidirectional signals can be inexpensively wavelength shifted with just one module.

The AM2554 can be used in conjunction with an AM2558 module. The AM2558 can multiplex up to sixteen (16) OC-3 signals onto an OC-48 line. The AM2558 has eight (8) client side ports, so an additional eight (8) OC-3 signals are electrically connected from an AM2554 to the AM2558 through the backplane.

The AM2554 can also be used as a remotely configurable OEO “patch panel” for equipment testing applications. It can be inserted between test equipment and the devices under test. Up to five (5) AM2554 modules are supported in a small footprint, 2RU A2050 chassis for up to 40 test paths in a lab or test floor environment. This eliminates the need for far more expensive physical layer matrix switches for testing and monitoring.

Avvio Networks' Sales Manager Rick Madden says that, “The AM2554's versatility leads to a number of different application possibilities to include adding APS protection and CALEA listening to existing lines. Its backplane connectivity allows the AM2554 to be used in conjunction with other Avvio Networks modules in the same chassis. The AM2554 is like the “Swiss Army Knife” of Optical Transport modules.”

The AM2554 module is available now and it is supported by Avvio Networks' critically acclaimed GUI-based Element Management System.

### **About Avvio Networks**

Avvio Networks is a manufacturer of Wave Division Multiplexing based fiber optic networking equipment. Avvio Networks' standards-based solutions are designed to interoperate with existing systems, enabling our customers to preserve their network investments while cost-effectively upgrading to a more flexible network infrastructure. Whether your current network is SONET/SDH, Ethernet or just dark fiber, Avvio Networks has the products you need to offer high speed optical transport for voice, data, video, high speed Ethernet access, storage connectivity or wavelength services. We are Optical Networking.

Visit our website [www.avvionetworks.com](http://www.avvionetworks.com) for more information on this product or email [sales@avvionetworks.com](mailto:sales@avvionetworks.com).

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