

## **Versatyle™ VR MSA**

Transceiver Test Platform

So innovatively simple,  
it speaks volumes.





For today's component and subsystem developers or manufacturers, the relentless development and evolution of optical MSA packages such as SFP, XFP and XENPAK constitute a unique set of challenges. The testing of optical transceivers can now be dramatically simplified thanks to the Versatyle™ VR MSA Transceiver Test Platform.

### **Finally, a manufacturing functional test system**

Say goodbye to expensive R&D driven testing equipment with bells and whistles you don't need; only capable of performing one function at a time. There's a new, revolutionary, patent pending system in town specifically designed for any type of MSA transceiver. It could be used in design verification, manufacturing test development and volume testing.

### **Ramp up production, bring down testing costs**


Versatyle™ VR enables you to streamline your transceiver production line while increasing manufacturing capacity. The result is accelerated time-to-market, time-to-volume and time-to-profit. The Versatyle™ VR platform makes it possible to either tailor or standardize testing, rendering it extensible and reusable for future MSA applications. This also translates into a reduction in test costs and the number of testing equipment required.

### **First unified electrical and optical test platform supporting both single and multimode fiber applications**

Versatyle™ VR delivers fully integrated turnkey testing. It can also come with the Versatyle™ VT Test Development Suite, powerful test software so easy to use, it requires no additional programming skills or training. Versatyle™ VR is also available with built-in prepackaged test sequences that can help you achieve volume manufacturing testing of MSA transceivers in a few hours.

### **Unprecedented level of integration delivering hosts of functionalities**

- ▶ All-rate pattern generator/analyzer for BER testing
- ▶ Accurate frequency generation and synchronization (from 50 Mbs to 12.5 Gbs)
- ▶ Digital communication analyzer for eye mask testing
- ▶ Internal power supply and monitor with precise control
- ▶ Wavelength detectors
- ▶ Optical power meter
- ▶ Optical jitter and stressed eye testing capability
- ▶ I2C and MDAC/MDIO interfaces to MSA under test
- ▶ External LC optical I/Os (TX/RX) to third party test equipments or fiber spool
- ▶ External SMA clock trigger input and output
- ▶ Interchangeable MSA interfaces to support the most common MSA transceivers on the market and future MSA applications (SFF, GBIC, SFP, XFP, Xenpak/Xpak/X2, 300 pins, etc.)



At Daito Test Services,  
we are the product  
of innovation.

The driving philosophy behind the success of Daito Test Services is to strive every day to raise the bar. That explains our pioneering and innovative work in the field of test and measurement.

**Three ways to harness the power and flexibility of the Versatyle™ VR MSA Transceiver Test Platform:**

**Versatyle™ VR 2.5G**

For GBIC, SFF or SFP interfaces with rates up to 2.9 Gbs

**Versatyle™ VR 4G**

For XFP interface with rates up to 4 Gbs for emerging 4GFC Fiber Channel Transceiver Testing

**Versatyle™ VR 10G**

For XFP, Xenpak, X2, XPAK or 300 pin interfaces with data rates up to 12.5 Gbs

To learn more about the Versatyle™ VR MSA Transceiver Test Platform, or for a free demonstration, you can reach us by mail, fax, phone or email.  
After all, we're Versatyle™.



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