



Special Marketing - News version

## **Civcom Introduces an Alternative solution to Dispersion Compensation Fiber**

***M-DCM** – Represents the next step in the Free-Path evolution by allowing remote dispersion management while reducing in-line amplification requirements and using a single part number.*

***Civcom once again demonstrates its commitment to meet the needs of time-critical applications in a broad and expanding set of industries.***

**Petah-Tikva, Israel, September 20, 2006 – Civcom® (www.civcom.com)**, a pioneer in the development and manufacturing of Opto-electronic components and modules is launching a new product at the ECOC 2006 Expo (**Booth # 684**), Civcom's Free-Path **Manageable Dispersion Compensation Module (M-DCM)**, a new manageable DCF replacement designed for Metro-Regional DWDM networks.

Civcom's M-DCM incorporates the most innovative dispersion tolerance optical technology available today. Inside a small package, measuring less than half the size available in the market today, Civcom incorporated an etalon based in-house TODC technology allowing a significant step forward in the design and operation of the module. The M-DCM module is used to compensate for chromatic dispersion value ranging from -1700ps/nm to +1700ps/nm, using in-house intellectual properties.

The M-DCM adds significant enhancements to the network by lowering the insertion loss, lowering power consumption and providing manageability. Focused on improving performance, extending operating range and lowering costs, the M-DCM reduces in-line amplification requirements and allows remote managing of dispersion while using a single part number as a substitute to multiple DCF part numbers. With its high reliability, stable performance and wide dynamic range, the M-DCM is Multi-channel and is well suited for metropolitan networks across the entire C-band.

"Using the M-DCM as an alternative to DCF will improve performance and flexibility and create real differentiation in the network's design; Ultimately leading to lower operating costs for the end-user" says Meron Raz, Civcom's CEO. ". In a field that has a growing requirement for agile networks, we believe this introduction is a vital extension to the existing DWDM product line, and will help us serve our customers more effectively".

### **About Civcom®**

Civcom is a pioneer in the development and manufacturing of cost-saving dynamic Opto-electronic components, modules and sub-systems, specializing in the field of 10Gbps Telecom applications. Founded in 2000, with HQ and sales office in Israel and an office in the US, Civcom Company leads the way in the field of dispersion tolerance transmission providing solution for some of the most progressive tunable and fixed transponders.

Civcom's Free-Light line of products also consists of: Civcom's 300PIN MSA widely tunable or fixed 10Gbps transponders and testing platform, based on the industry's



highest performing widely tunable laser technology. Coupled with Civcom's expertise in electro-optic integration, packaging, in-house most advanced dispersion compensation technologies and tunable laser control algorithms. Civcom's transponders integrate with Optical DuoBinary and Optical Dispersion Compensation technology, allowing a wide range of applications for networks reaching from 80km – up to 350km. For additional information about Civcom, visit [www.civcom.com](http://www.civcom.com)

**Come see us at ECOC 2006, September 25-29, 2006 – Booth 684.**

**For appointments contact [marketing@civcom.com](mailto:marketing@civcom.com)**

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