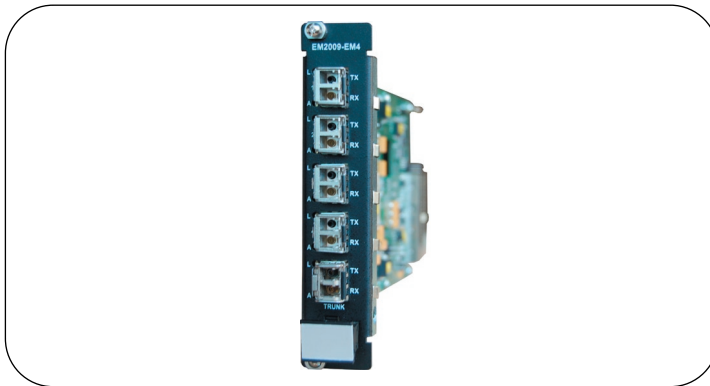




## LambdaDriver® - 4xESCON Muxponder Module (EM2009-EM4)



EM2009-EM4

### Overview

The LambdaDriver EM2009-EM4 Muxponder uses advanced TDM technology to transport 4 separate ESCON (200Mbps) data streams into a 1 Gbps trunk port over a single pair of fibers.

This solution provides a significant cost reduction and excellent fiber utilization as compared to discrete optical multiplexing.

The 4 ESCON access ports are SFP receptacles. The trunk port is a 1Gbps SFP based interface that can accommodate various types of SFPs (e.g. Multimode or Single Mode).

Typical applications include:

- Point-to-point standalone interconnection of up to 4 separate ESCON (one per access port).
- WDM integrated -multiple chassis span -

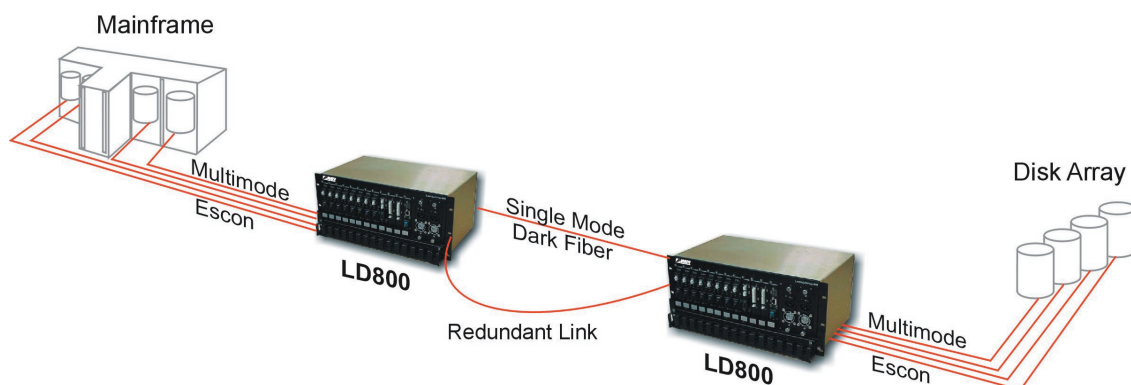
The modules are manageable by the LambdaDriver management module either locally by RS232 CLI access or remotely by Telnet, SNMP or GUI management via the MRV MegaVision Pro management platform.

### Features

- 1 Gbps trunk port rate
- SFP Digital Diagnostics monitoring
- Hot swappable
- 1 slot wide – can be used on all LD chassis

### Applications

- Remote site connection over Multimode or Singlemode fiber
- Disaster recovery site connection
- Redundancy storage with 1+1 protection
- A combination of ESCON and other services in one chassis for transmission over a single fiber pair
- 4xESCON services for transmission over optical wireless systems (TereScope®)



**Environmental**

<b>Operating Temperature</b>	- 5 to 45 °C
<b>Storage Temperature</b>	-10 to 70 °C
<b>Relative Humidity</b>	85% maximum, non-condensing
<b>Dimensions (W x H x D)</b>	W: 26.93 x 130.7 x 227 mm 1.06 x 5.145 x 8.93 In
<b>Weight</b>	0.55 kg 1.21 lb
<b>Connector</b>	Access ports and WDM port; SFP receptacles

**Technical Specifications**

<b>ESCON Interfaces</b>	As per used SFP
<b>TDM trunk interface</b>	As per used SFP
<b>Front Panel indicators</b>	Loss of Signal indication and transmission error for all optical ports
<b>Power consumption</b>	9 Watt

**Order Info**

<b>Subrate TDM Mux</b>	
EM2009-EM4	4 ESCON ports TDM Multiplexer channel card with SFP access and trunk interface

Note: For different optical interfaces and CWDM/DWDM solutions, please contact your local representative.