



Datasheet

Pluggable CWDM OADM





Features

- Environmentally stable
- O 20 nm Channel Spacing
- O Custom defined specifications
- Low return loss
- Low insertion loss
- O ITU standard
- O High channel isolation

Item	Thin Film OADM			
M-AC series	ADD Channel	Drop Channel		
Center Wavelength	1471/1491/1511/1531/1551/157	1/1591/1611/1501/1521/1541/1561	nm	
Center Wavelength Accuracy	≤1			
Channel Spacing	20			
Passband @0.5dB	> 13		nm	
Insertion Loss	≥ 0.7	≥ 0.7	dB	
Express Channel Insertion Loss	≤0.3		dB	
Adjacent Channel Isolation	≥ 15	≥ 30	N	
Non-adjacent Channel Isolation	≥15	≥ 40	dB	
Express Channel Isolation	≥ 25		dB	
Add/Drop Channel Ripple	≤0.5			
Directivity	≥ 50			
Optical Input Return Loss	≥ 45			
Polarization Dependent Loss	≤ 0.15			
Polarization Mode Dispersion (PMD)	≤ 0.1			
Thermal Stability	≤ 0.005			
Thermal Stability Drift	≤ 0.005			
Optical Power	≥300			
Tensile Load	> 5			
Storage Temperature	- 40 ~ 85			
Operating Temperature	0~70			
Package Size	In-Line			





Info	Part Number	Function
Ordering	ADCP-xx*	Single channel DSC Pluggable OADM at xx CWDM wavelength with SC connectors

^{* &}quot;xx" refers to specified wavelength. Use Wavelength Guide below when ordering.

W	Wavelength Guide (nm)									
хх	Wavelength (nm)	хх	Wavelength (nm)	хх	Wavelength (nm)	хх	Wavelength (nm)			
47	1470	51	1510	55	1550	59	1590			
49	1490	53	1530	57	1570	61	1610			

WARNINGS

Handling Precautions: This device is susceptible to damage as a result of electrostatic discharge (ESD). A static free environment is highly recommended. Follow guidelines according to proper ESD procedures. Laser Safety: Radiation emitted by laser devices can be dangerous to human eyes. Avoid eye exposure to direct or indirect radiation.

MRV has more than 50 offices throughout the world. Addresses, phone numbers, and fax numbers are listed at **www.mrv.com**. Please e-mail us at **sales@mrv.com** or call us for assistance.

MRV (West Coast USA) 20415 Nordhoff St. Chatsworth, CA 91311 800-338-5316 818-773-0900 MRV (East Coast USA) 295 Foster St. Littleton, MA 01460 800-338-5316 978-952-4700 MRV (International)
Business Park Moerfelden
Waldeckerstrasse 13
64546 Moerfelden-Walldorf
Germany
Tel. (49) 6105/2070
Fax. (49) 6105/207-100

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate. However, the accuracy or completeness thereof is not guaranteed, and no responsibility is assumed for any inaccuracies. Please contact MRV Communications for more information. MRV Communications and the MRV Communications logo are trademarks of MRV Communications, Inc. Other trademarks are the property of their respective holders.