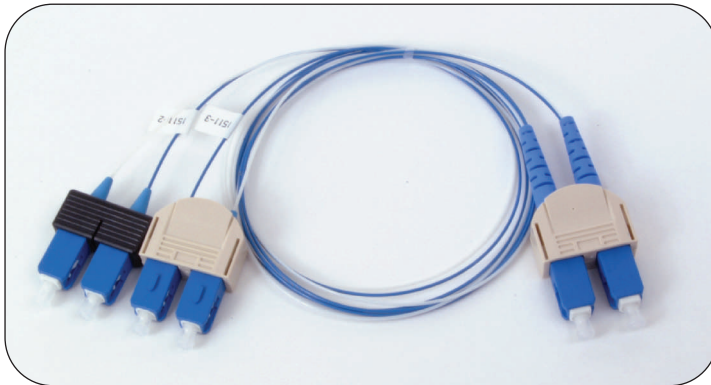


Pluggable CWDM OADM



Features

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

Performance Specifications

Item	Thin Film OADM		Unit
	ADD Channel	Drop Channel	
M-AC series			
Center Wavelength	1471/1491/1511/1531/1551/1571/1591/1611/1631/1651/1671/1691/1711/1731/1751/1771/1791/1811/1831/1851/1871/1891/1911/1931/1951/1971/1991/2011/2031/2051/2071/2091/2111/2131/2151/2171/2191/2211/2231/2251/2271/2291/2311/2331/2351/2371/2391/2411/2431/2451/2471/2491/2511/2531/2551/2571/2591/2611/2631/2651/2671/2691/2711/2731/2751/2771/2791/2811/2831/2851/2871/2891/2911/2931/2951/2971/2991/3011/3031/3051/3071/3091/3111/3131/3151/3171/3191/3211/3231/3251/3271/3291/3311/3331/3351/3371/3391/3411/3431/3451/3471/3491/3511/3531/3551/3571/3591/3611/3631/3651/3671/3691/3711/3731/3751/3771/3791/3811/3831/3851/3871/3891/3911/3931/3951/3971/3991/4011/4031/4051/4071/4091/4111/4131/4151/4171/4191/4211/4231/4251/4271/4291/4311/4331/4351/4371/4391/4411/4431/4451/4471/4491/4511/4531/4551/4571/4591/4611/4631/4651/4671/4691/4711/4731/4751/4771/4791/4811/4831/4851/4871/4891/4911/4931/4951/4971/4991/5011/5031/5051/5071/5091/5111/5131/5151/5171/5191/5211/5231/5251/5271/5291/5311/5331/5351/5371/5391/5411/5431/5451/5471/5491/5511/5531/5551/5571/5591/5611/5631/5651/5671/5691/5711/5731/5751/5771/5791/5811/5831/5851/5871/5891/5911/5931/5951/5971/5991/6011/6031/6051/6071/6091/6111/6131/6151/6171/6191/6211/6231/6251/6271/6291/6311/6331/6351/6371/6391/6411/6431/6451/6471/6491/6511/6531/6551/6571/6591/6611/6631/6651/6671/6691/6711/6731/6751/6771/6791/6811/6831/6851/6871/6891/6911/6931/6951/6971/6991/7011/7031/7051/7071/7091/7111/7131/7151/7171/7191/7211/7231/7251/7271/7291/7311/7331/7351/7371/7391/7411/7431/7451/7471/7491/7511/7531/7551/7571/7591/7611/7631/7651/7671/7691/7711/7731/7751/7771/7791/7811/7831/7851/7871/7891/7911/7931/7951/7971/7991/8011/8031/8051/8071/8091/8111/8131/8151/8171/8191/8211/8231/8251/8271/8291/8311/8331/8351/8371/8391/8411/8431/8451/8471/8491/8511/8531/8551/8571/8591/8611/8631/8651/8671/8691/8711/8731/8751/8771/8791/8811/8831/8851/8871/8891/8911/8931/8951/8971/8991/9011/9031/9051/9071/9091/9111/9131/9151/9171/9191/9211/9231/9251/9271/9291/9311/9331/9351/9371/9391/9411/9431/9451/9471/9491/9511/9531/9551/9571/9591/9611/9631/9651/9671/9691/9711/9731/9751/9771/9791/9811/9831/9851/9871/9891/9911/9931/9951/9971/9991		nm
Center Wavelength Accuracy	≤ 1		nm
Channel Spacing	20		nm
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		dB
Directivity	≥ 50		dB
Optical Input Return Loss	≥ 45		dB
Polarization Dependent Loss	≤ 0.15		dB
Polarization Mode Dispersion (PMD)	≤ 0.1		ps
Thermal Stability	≤ 0.005		°C
Thermal Stability Drift	≤ 0.005		°C
Optical Power	≥ 300		mW
Tensile Load	> 5		n
Storage Temperature	- 40 ~ 85		°C
Operating Temperature	0 ~ 70		°C
Package Size	In-Line		nm

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

* "xx" refers to specified wavelength. Use Wavelength Guide below when ordering.

Wavelength Guide (nm)							
xx	Wavelength (nm)	xx	Wavelength (nm)	xx	Wavelength (nm)	xx	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.

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