



Ultra Compact LAN-WDM



OptiWorks Inc.

47211 Bayside Pkwy.

Fremont, CA 94538

Tel: +1 510 438 4560 Fax: +1 510 252 1178

www.optiworks.com

Email: sales@optiworks.com

1. Features

Ultra compact, high performance, applications in CFP 100GBASE transceivers

2. Performance

This document proposes the specifications of ultra compact WDM:

Parameters	Value	Unit	
Channel Center Wavelengths (nm)	L0: 1272.55 to 1274.54 L1: 1276.89 to 1278.89 L2: 1281.25 to 1283.27 L3: 1285.65 to 1287.68 L4: 1294.53 to 1296.59 L5: 1299.02 to 1301.09 L6: 1303.54 to 1305.63 L7: 1308.09 to 1310.19	nm	
Channel Passband (0.5dB)	$\lambda_c \pm 1.0\text{nm}$	nm	
Insertion loss	≤ 2.0 Typical < 1.6	dB	
Isolation	Adjacent	≥ 25	dB
	Non-adjacent	≥ 35	dB
Polarization Dependent Loss	≤ 0.25	dB	
Directivity	≥ 50	dB	
Return Loss	≥ 45	dB	
Operating Temperature	-5 ~ +70	°C	
Storage Temperature	-40 ~ +85	°C	
Dimension	22X12X6.5	mm	
Fiber	250um Corning ClearCurve Fiber, 1.0m (or defined by customers)		

3. Pictures of Ultra Compact WDM module

