



Ultra Compact 8ch DWDM

OptiWorks Inc.

3400 Gateway Blvd

Fremont, CA 94538

Tel: +1 510 438 4560 Fax: +1 510 438 4470

www.optiworks.com

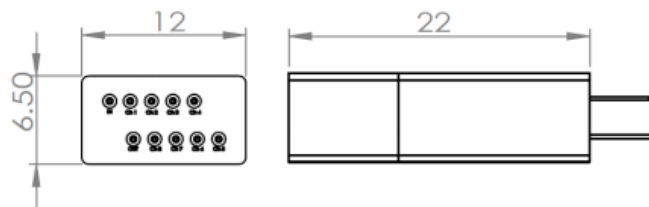
Email: sales@optiworks.com

1. Performance

This document proposes the specifications of ultra compact 8 channel 100G DWDM (tight-sealed, Epoxy free optical path):

Parameters		Value	Unit
Channel Center Wavelengths (nm)		100GHz ITU channels as requested by customers	nm
Channel Spacing		100GHz	nm
Channel Passband (0.5dB)		0.24	nm
Insertion Loss (8 channels)		<= 1.8 (premium) <= 2.2 (standard)	dB
Isolation	Adjacent	>= 30	dB
	Non-adjacent	>= 40	dB
Polarization Dependent Loss		<= 0.25	dB
Polarization Mode Dispersion		<= 0.2	dB
Return Loss		>= 45	dB
Directivity		>= 55	dB
Operating Temperature		-5 ~ +70	°C
Storage Temperature		-40 ~ +85	°C
Dimension		22x12x6.5	mm
Fiber		250um Corning ClearCurve Fiber, or with 0.6/0.9mm loose tube.	

2. Ultra Compact DWDM module size reference



3. RoHS appliance. GR-1209-Core, GR-1221-Core Generic Requirement and test standard.