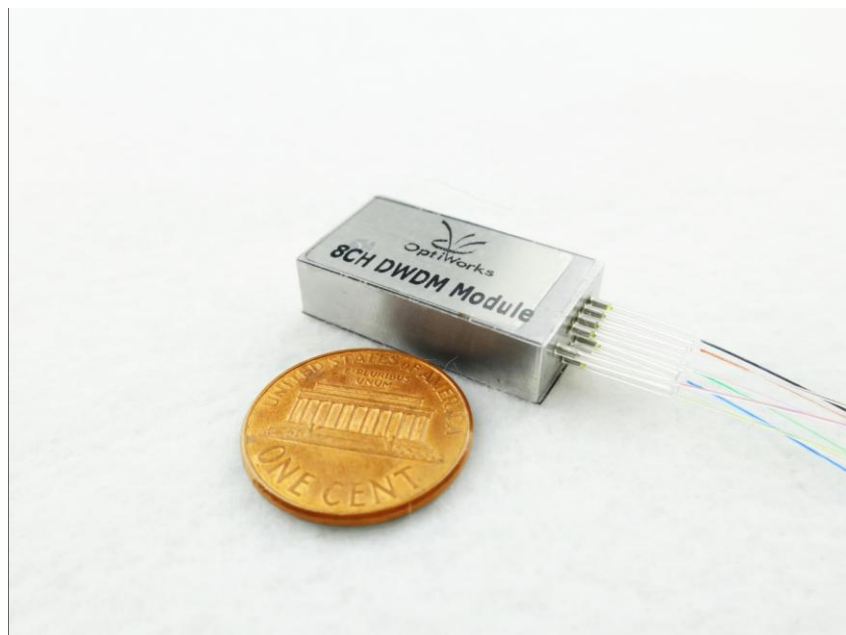




Ultra Compact 8CH 100G DWDM Module

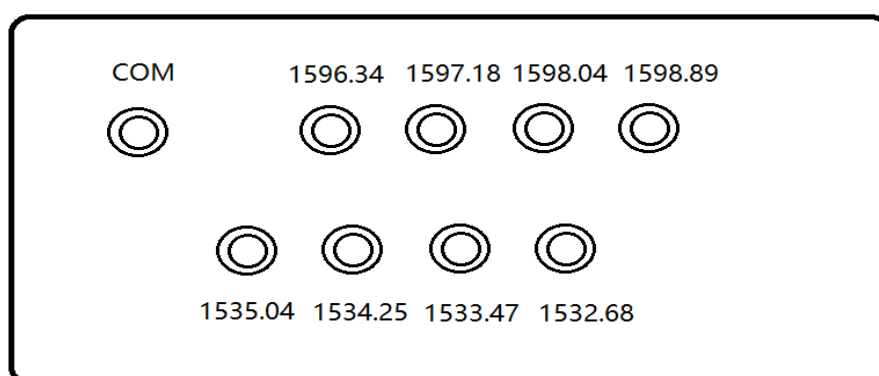


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1. Performance

This document proposes the specifications of Ultra Compact 8CH 100G DWDM Module:

Parameter	Value	Units
ITU-T Channel Spacing	100	GHz
Channel Center Wavelength	187.8/187.7/187.6/187.5 195.6/195.5/195.4/195.3 (1596.34/1597.18/1598.04/1598.89 1532.68/1533.47/1534.25/1535.04)	nm
Operation Wavelength	1520~1620	nm
Bandwidth @ 0.5 dB	ITU \pm 0.125	nm
Max.IL	\leq 1.80	dB
Ripple @ ITU \pm 0.14nm	\leq 0.30	dB
Adjacent Ch Isolation	$>$ 30	dB
Non-Adjacent Ch Isolation	$>$ 45	dB
Channel Uniformity (dB)	$<$ 0.80	dB
PDL	$<$ 0.25	dB
PMD	$<$ 0.15	ps
RL 回损	\geq 50	dB
Directivity	\geq 50	dB
Fiber type	250um Corning ClearCurve Fiber	
Fiber Length	\geq 1m	
Dimension	25x12x6	mm
Storage Temperature Range	-40 ~ 85	$^{\circ}$ C
Temperature Range of Operation	-5 ~ 70	$^{\circ}$ C



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

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