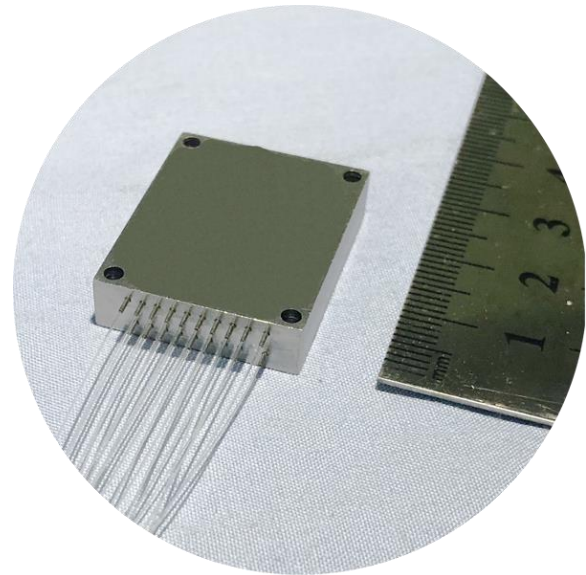


# Ultra-Compact 6CH DWDM Module

P/N:OP-UCDWDM-06-Cband-01-LC

## 1. Features

- Low Insertion loss and low PDL
- High channel Isolation
- High Reliability and Stability
- Telcordia Compliant
- RoHS Compliant
- Super small size



OP-UC-DWDM-N-Cband

## 2. Applications

- High speed transceivers
- DWDM systems
- Fiber optics instruments
- Laboratory application

## 3. Compliance

- Telcordia GR-1209-CORE-2001
- Telcordia GR-1221-CORE-1999
- ITU-T G.694.1
- ROHS

## 4. Specifications

Parameters		Unit	Specification	
Channel center Wavelengths		nm	ITU	
Channel Spacing		GHz	100/200	
Channel passband		nm	$\lambda_c \pm 0.11/0.25$	
Insertion Loss		dB	$\leq 1.5$	
Ripple over passband		dB	$\leq 0.5$	
Isolation	Adjacent	dB	$\geq 30$	
	Non-adjacent	dB	$\geq 40$	
PDL		dB	$\leq 0.3$	
Uniformity		dB	$\leq 1.0$	
Return loss		dB	$\geq 45$	
Wavelength Temperature Sensitivity		Nm/ °C	$\leq 0.003$	
Operating Temperature		°C	-40~85	
Storage Temperature		°C	-40~85	
Package Dimension		mm	28X14.4X6.5	
Fiber Type		/	Corning Clear curve fiber,900um jacket	Corning Clear curve Bare Fiber
Connector		/	As request	

## 5. Drawings

