



Description

Micron Optics offers custom-designed optical telecom cards based on its core tunable technologies, electronics, and software platform. The customized modular design facilitates effective integration into specific DWDM systems and optical networks.

Optical Telecom Cards



telecom modules

Applications

	OPTICAL CHANNEL ANALYZER (OCA)	OPTICAL CHANNEL MONITOR (OCM)	EMBEDDED SIGNAL TRACKING FILTER (ESTF)	TUNABLE CHANNEL LOCKER (TCL)	TUNABLE OPTICAL DROP MODULE (TOADM)
• Facilitates Dynamic Optical Network	✓	✓	✓	✓	✓
• Provides Optical Performance Monitoring	✓	✓			
• Analyzes DWDM Spectrum (λ , P, OSNR)	✓				
• Integrates with Dynamic Gain Equalizers (λ , P)		✓			
• Optimizes Metro Ring Performance	✓	✓		✓	
• Enables Optimization of Optical Networks	✓	✓	✓		
• Provides Feedback for Channel Power Equalization	✓	✓			
• Allows Automatic Signal Tracking and Noise Filtering			✓		
• Enables Dynamic Channel Drop				✓	
• Enables Tunable Receiver Design				✓	
• Enables Add/Drop and Wavelength Routing					✓

Features

• Customer Specified Design	✓	✓	✓	✓	✓
• Easy to Integrate Daughter Board	✓	✓	✓	✓	✓
• Small Footprint	✓	✓	✓	✓	✓
• Channel Count or Wavelength Measurement	✓	✓		✓	
• Peak Channel Power Measurement	✓	✓		✓	
• High Resolution and High Accuracy	✓	✓		✓	
• High Channel Capacity	✓	✓			
• OSNR Measurements	✓				
• High Speed Scanning and Channel Acquisition			✓	✓	✓
• Single or Dual Stage Filter Design			✓	✓	✓
• Tunable Channel Add/Drop					✓