

FIBERWDM's Ultra Mini DWDM is based on Thin Film Filter and free space packaging technology platform, this Ultra Mini DWDM features ultra compact size, ultra low insertion loss, and high reliability. The Ultra-Mini DWDM is Telcordia GR-1221-Core and GR-1209-Core qualified and ROHS compliant.

Features

- ◆ Low insertion loss.
- ◆ High wavelength accuracy
- ◆ Extended temperature range
- ◆ Excellent thermal stability
- ◆
- ◆ Extremely small size



Applications

- ◆ DWDM Systems
- ◆ Telecom networks
- ◆ Metro Area Networks
- ◆ Broadband Networks
- ◆ OPGN Networks
- ◆ CATV Link

Parameters		Specifications					Unit
Channel number		4	6	8	12	16	
Channel center wavelengths(nm)		ITU DWDM					nm
Channel spacing		100			200		GHz
Channel passband		±0.11			±0.25		nm
Insertion loss		<1.0	<1.3	<1.6	<2.0	<2.4	dB
Ripple over pass band		≤0.5					dB
Isolation	Adjacent	≥30					dB
	Non-adjacent	≥40					dB
Polarization dependent loss		≤0.3					dB
Uniformity		≤0.5	≤1	≤1	≤1.2	≤1.5	dB
Return loss		≥45					dB
Operating temperature		-40~+85					°C
Max Tensile Load		5					N
Wavelength Temperature Sensitivity		≤0.003					Nm/°C
Storage temperature		-40~+85					°C
Dimension		25x10.8x6.5	28x14.4x6.5		30x23x6.5		mm
Connector		Customer Specified					
Fiber type		Corning Clear Curve Fiber, 900um jacket			Corning Clear Curve Bare fiber		

Note: All the parameters are tested under room temperature. All the parameters are without connectors.