

CWDM MUX/DEMUX Chipset

Description

QXP CWDM Chipset: Designed for Data Center application, compact, best performance and lower cost. Products meet Telcordia GR-1221-CORE requirements and are RoHS 2.0 compliant.



Key Features

- ✧ Low Insertion Loss
- ✧ Flat-Top Spectrum and Broad Passband
- ✧ High Stability and Reliability
- ✧ ROHS 2.0 compliant
- ✧ Support 3D integration and customization

Applications

- ✧ Data Center Network
- ✧ 100G/400Gbps Transceiver

CWDM4 Performance Specifications

Parameters	Min	Max	Unit
Wavelength	1260-1340		nm
Insertion Loss	-	2.5	dB
Channel Uniformity	-	1	dB
Polarization Dependent Loss (PDL)	-	0.5	dB
Ripple (ITU \pm 5nm)	-	1.0	dB
Total Crosstalk (Demux)	20	-	dB
Bandwidth@-1.0dB	14	-	nm
Center wavelength Shift	0.012		nm/ $^{\circ}$ C
Dimensions	6.6 x 2.7 x 1.2 (Mux, Single-Side, Pitch 500um)		mm
	9.6 x 2.2 x 0.85 (Demux, Dual-Side, Pitch 250um)		
	8.3 x 2.7 x 1.2 (Demux, Dual-Side, Pitch 500um)		
	9.1 x 2.95 x 0.85 (Demux, Dual-Side, Pitch 750um)		