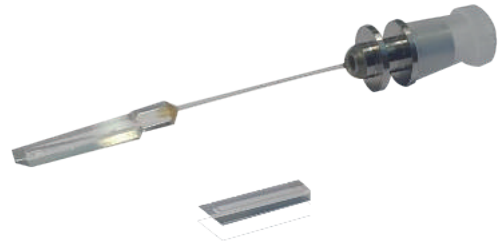


PLC CWDM MUX/DeMUX AWG

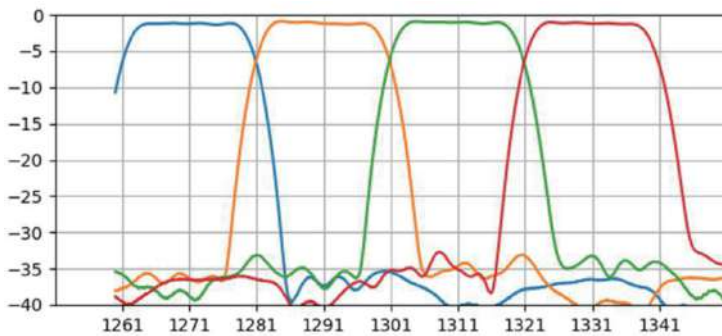


Key Features

- Optimized for 100G, 200G, 400G & beyond
- Flexible for customized design
- Easy assembly and cost competitiveness
- Flat-top spectral response
- Low loss, low crosstalk & low PDL, but, low cost
- Excellent channel uniformity and reliability
- Complied to IEEE & MSA standard



Spectral Response (DeMUX)



Specification & Spectral Response (DeMUX)

Parameter	Symbol	Description	Value	Unit
Lane 1 center wavelength	λ_1		1271.0	nm
Lane 2 center wavelength	λ_2		1291.0	nm
Lane 3 center wavelength	λ_3		1311.0	nm
Lane 4 center wavelength	λ_4		1331.0	nm
Center wavelength accuracy	$\Delta\lambda$		± 1.0	nm
Insertion Loss	IL	Passband ± 6.5 nm worst IL	≤ 2.5	dB
1dB Bandwidth	BW1	Relative to nominal central wavelength, full width	≥ 13	nm
3dB Bandwidth	BW3	Relative to nominal central wavelength, full width	≥ 15	nm
Adjacent crosstalk	Ax	Pass Band ± 6.5 nm	≥ 20	dB
Non-adjacent crosstalk	NAx	Pass Band ± 6.5 nm	≥ 30	dB
Polarization dependent loss	PDL		≤ 0.5	dB

*Available for customized specification