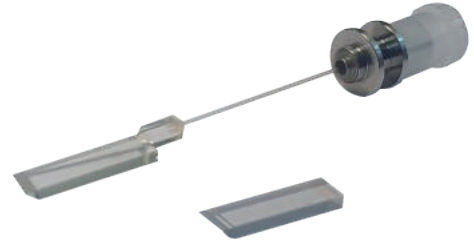


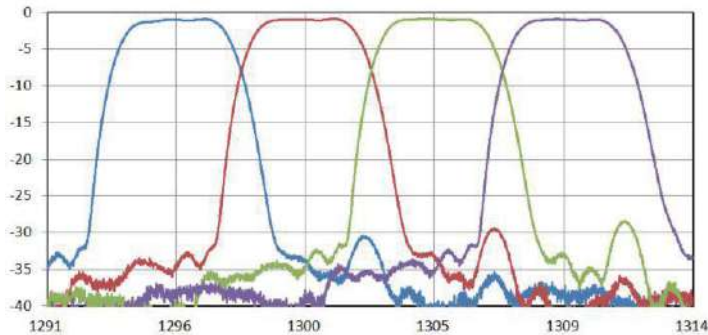
# PLC LAN-WDM MUX/DeMUX AWG

## 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 PASSBAND	$\lambda_1$		1294.53~1296.59	nm
Lane 2 PASSBAND	$\lambda_2$		1299.02~1301.09	nm
Lane 3 PASSBAND	$\lambda_3$		1303.54~1305.63	nm
Lane 4 PASSBAND	$\lambda_4$		1308.09~1310.19	nm
Center wavelength accuracy	$\Delta\lambda$		$\pm 0.3$	nm
Insertion Loss	IL	Worst IL @ PASSBAND	$\leq 2.8$	dB
1dB Bandwidth	BW1	1dB from min. insertion loss, full width	$\geq 2.8$	nm
Adjacent crosstalk	Ax	Adjacent Channels overall PASSBAND	$\geq 26$	dB
Non-adjacent crosstalk	NAx	Non-adjacent Channels overall PASSBAND	$\geq 30$	dB
Polarization dependent loss	PDL		$\leq 0.5$	dB

\*Available for customized specification