



40CH Gaussian AWG Spec

<p>Features</p> <ul style="list-style-type: none"> ● Low Insertion Loss ● Established silica-on-silicon 	<p>Applications</p> <ul style="list-style-type: none"> ● DWDM transmission ● Optical add/drop multiplexing ● Local Area Network
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Performance Specifications:

Parameter		Specifications	
		Mux	Demux
Channel Wavelength		ITU 100 GHz Grid	
Channel Passband		>0.24nm@-1dB; >0.43nm@-3dB	
Insertion Loss		≤6.0dB (typ:5.0dB)	
Channel Uniformity		≤ 1.5dB	
Channel Ripple		≤ 1.2dB	
Isolation	Adjacent	N/A	≥ 25dB
	Non-adjacent	N/A	≥ 30dB
Wavelength Temperature Shifting		≤ 0.002nm/°C	
Polarization Dependent Loss		≤ 0.50dB(typ:0.30dB)	
Polarization Mode Dispersion		≤ 0.50ps	
Directivity		≥ 40dB	
Return Loss		≥ 40dB	
Optical Power		300mW	
Connector Type		MPO	
Operating Temperature		-5 to +70°C	
Package Dimensions		L96mm x W78mm x H16mm	