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Dense Wavelength Division Multiplexer
(DL-DWDM-V-WW-X-Y-Z)

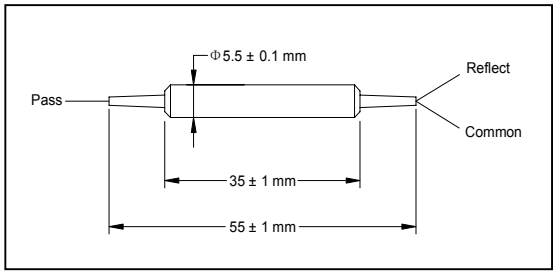
The Dense Wavelength Division Multiplexer series uses environmentally stable thin film filter and advanced packaging technology to achieve wide passband, low insertion loss, high channel isolation and excellent environmental stability. They can be used individualy to perform single channel add or drop function or can be cascaded into sequence for multi-channel applications in DWDM systems.

A. Specifications

Parameter		Value		Unit
Filter Type		200 GHz	100 GHz	
Pass Band	Center Wavelength	ITU Grid		nm
	Min. Bandwidth @ 0.5 dB	0.5	0.22	nm
	Max. Insertion Loss @ C→P	1.0	1.2	dB
	Min. Channel Isolation @ C→P	25	25	dB
Reflection Band	Max. Insertion Loss @ C→R	0.5	0.5	dB
	Min. Channel Isolation @ C→R	12	12	dB
Max. Polarization Dependent Loss		0.1	0.1	dB
Directivity		50	50	dB
Min. Return Loss		50	50	dB
Center Wavelength Stability		0.002		nm/℃
Thermal Stability		0.005		dB/℃
Max. Optical Power		300		mW
Operating Temperature		-5 to +70		℃
Storage Temperature		-40 to +85		℃

*IL is 0.3 dB higher, RL is 5 dB lower for each connector added.

B. Package Dimensions



C. Ordering Information

DL-DWDM-V-WW-X-Y-Z

V: Channel Spacing
1 - 100 GHz
2 - 200 GHz

WW: ITU Grid

X: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

Y: Fiber Type (SMF-28)
B - 250 μm bare fiber
L - 900 μm loose tube
S - Specify

Z: Fiber Length
1 - 1.0 m
S - Specify