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C Band/L Band Filter Wavelength Division Multiplexer (DL-CLWDM-WWWW-X-Y-Z)

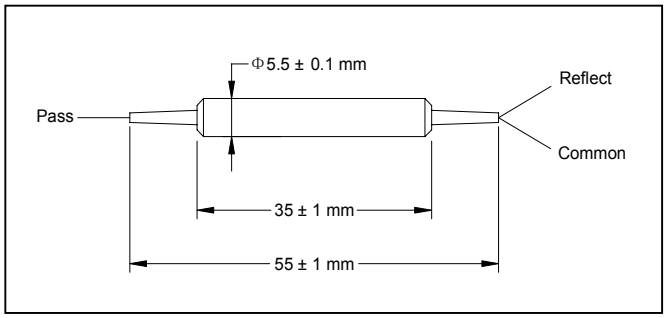
The C Band/L Band Filter Wavelength Division Multiplexer is used to combine or separate C band wavelength signals and L band wavelength signals in DWDM systems. It is based on environmentally stable thin film filter technology. It is characterized with wide passband, low insertion loss, high return loss, excellent environmental stability and high power handling capability.

A. Specifications

Parameter		Value	Unit
Pass Band	Wavelength Range	1530 - 1561 (1571 - 1605)	nm
	Max. Insertion Loss	0.7	dB
	Min. Isolation	22	dB
Reflection Band	Wavelength Range	1571 - 1605 (1530 - 1561)	nm
	Max. Insertion Loss	0.5	dB
	Min. Isolation	12	dB
Min. Return Loss		50	dB
Max. Polarization Dependent Loss		0.10	dB
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-CLWDM-WWWW-X-Y-Z

WWWW: Wavelength
6171 - 1530 - 1561 Pass/1571 - 1605 Reflect
7161 - 1530 - 1561 Reflect/1571 - 1605 Pass
SSSS - Specify

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