

100 GHz and 200 GHz Add/Drop Module (DL-OADMM-V-WW-X-Y-Z)

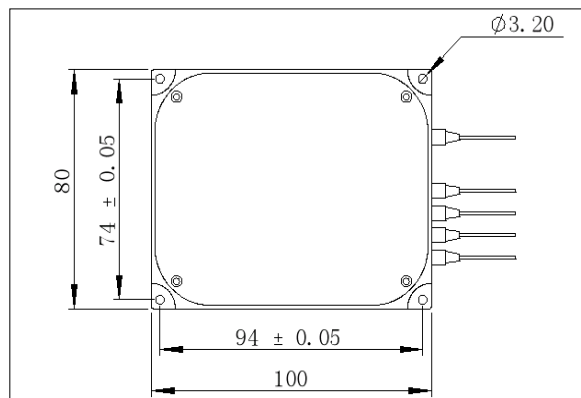
The Add/Drop module is used to drop and add one or more ITU wavelength channels with 100 GHz or 200 GHz spacing in DWDM systems. It is based on environmentally stable thin film filter technology. It has wide bandwidth, low insertion loss, high isolation and high power handling capability.

A. Specifications

Parameter	100 GHz	200 GHz	Unit
Signal Wavelength Range	1530 - 1580		nm
Center Wavelength	ITU Grid		nm
Pass Bandwidth @ 0.5 dB (min)	ITU CH. \pm 0.10	ITU CH. \pm 0.25	nm
Max. Insertion Loss @ In \leftrightarrow Drop	1.2	1.0	dB
Max. Insertion Loss @ Add \leftrightarrow Out	1.2	1.0	dB
Max. Insertion Loss @ In \leftrightarrow Out	0.8	0.8	dB
Min. Channel Isolation @ In \leftrightarrow Out	25	25	dB
Min. Channel Isolation @ In \leftrightarrow Drop	25	25	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	0.002	nm/ $^{\circ}$ C
Thermal Stability	0.005	0.005	dB/ $^{\circ}$ C
Max. Optical Power	300	300	mW
Operating Temperature	-5 to +70	-5 to +70	$^{\circ}$ C
Storage Temperature	-40 to +85	-40 to +85	$^{\circ}$ C
Package Dimension	100 (L) \times 80 (W) \times 9.5 (H)		mm

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

B. Package Dimensions



C. Ordering Information

DL-OADMM-V-WW-X-Y-Z

V: Channel Spacing	X: Connector Type	Y: Fiber Type (SMF-28)	Z: Fiber Length
1 - 100 GHz	1 - FC/UPC	B - 250 μ m bare fiber	H - 0.5 m
2 - 200 GHz	2 - FC/APC	L - 900 μ m loose tube	S - Specify
	3 - SC/UPC	C - 3 mm cable	
WW: ITU Grid	4 - SC/APC	S - Specify	
	N - None		
	S - Specify		