

200 GHz Dense Wavelength Division Multiplexer Add/Drop

Features

- Very High Channel Isolation
- Very Low Insertion Loss
- Telecordia GR-1209 Compliant
- Epoxy-Free Lightpath
- L - Band available
- Custom Package available



Applications

- Dense WDM Systems
- CATV Fiber Optic Links
- Fiber Amplified Systems
- Fiber Optic Systems

Performance Specifications

DWDM 200 GHz

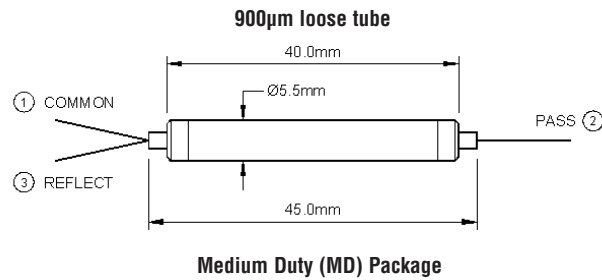
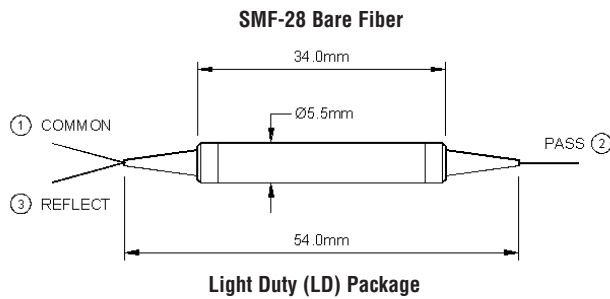
Center Wavelength (nm)	1550 nm Window, ITU 100 GHz Grid
Channel Spacing (GHz)	200 (1.6 nm)
Channel Passband (-0.5 dB Bandwidth) (nm)	ITU \pm 0.25
Insertion Loss @ Pass Port (dB)*	Typ. \leq 1.2 Max \leq 1.5
Insertion Loss @ Reflect Port (dB)*	0.6
Ripple (dB)	Typ. \leq 0.3 Max \leq 0.5
Isolation (dB)	\geq 26
Isolation @ Reflect Port (dB)	\geq 12
Return Loss (dB)	\geq 45
Directivity (dB)	\geq 55
Polarization Dependent Loss (PDL) (dB)	\leq 0.1
Maximum Power Handling (mW)	300
Maximum Tensile Load (N)	5
Operating Temperature ($^{\circ}$ C)	-5 to +65
Storage Temperature ($^{\circ}$ C)	-40 to +85
Package Dimension (mm)	SMF-28 Bare Fiber = 5.5(\emptyset) x 34(L)
	900 μ m loose tube = 5.5(\emptyset) x 40(L)

*Insertion loss does not include connector loss.

Description

Valdor dense wavelength division add/drop is based on thin film filter technology and precision fiber optic packaging. This proven technology offers excellent channel bandwidth, flexible channel configuration, low insertion loss and high isolation. All Valdor products are epoxy-free in the optical path. Valdor DWDM devices are Telecordia GR -1209 qualification tested.

Package Dimensions



Ordering Information

Standard Valdor component part numbers are specified below with appropriate part number options. If you require devices different than standard devices, please contact our sales office or factory for ordering and pricing information.

Tel: (510) 324-0101 Fax: (510) 324-0303

PART NO.	DESCRIPTION (200GHz LD ADD/DROP)
150-21001-21	200GHz ADD/DROP LD CH 21
150-21001-22	200GHz ADD/DROP LD CH 22
150-21001-23	200GHz ADD/DROP LD CH 23
150-21001-24	200GHz ADD/DROP LD CH 24
150-21001-25	200GHz ADD/DROP LD CH 25
150-21001-26	200GHz ADD/DROP LD CH 26
150-21001-27	200GHz ADD/DROP LD CH 27
150-21001-28	200GHz ADD/DROP LD CH 28
150-21001-29	200GHz ADD/DROP LD CH 29
150-21001-30	200GHz ADD/DROP LD CH 30
150-21001-31	200GHz ADD/DROP LD CH 31
150-21001-32	200GHz ADD/DROP LD CH 32
150-21001-33	200GHz ADD/DROP LD CH 33
150-21001-34	200GHz ADD/DROP LD CH 34
150-21001-35	200GHz ADD/DROP LD CH 35
150-21001-36	200GHz ADD/DROP LD CH 36
150-21001-37	200GHz ADD/DROP LD CH 37
150-21001-38	200GHz ADD/DROP LD CH 38
150-21001-39	200GHz ADD/DROP LD CH 39
150-21001-40	200GHz ADD/DROP LD CH 40
150-21001-41	200GHz ADD/DROP LD CH 41
150-21001-42	200GHz ADD/DROP LD CH 42
150-21001-43	200GHz ADD/DROP LD CH 43
150-21001-44	200GHz ADD/DROP LD CH 44
150-21001-45	200GHz ADD/DROP LD CH 45
150-21001-46	200GHz ADD/DROP LD CH 46
150-21001-47	200GHz ADD/DROP LD CH 47
150-21001-48	200GHz ADD/DROP LD CH 48
150-21001-49	200GHz ADD/DROP LD CH 49
150-21001-50	200GHz ADD/DROP LD CH 50
150-21001-51	200GHz ADD/DROP LD CH 51
150-21001-52	200GHz ADD/DROP LD CH 52
150-21001-53	200GHz ADD/DROP LD CH 53
150-21001-54	200GHz ADD/DROP LD CH 54
150-21001-55	200GHz ADD/DROP LD CH 55
150-21001-56	200GHz ADD/DROP LD CH 56
150-21001-57	200GHz ADD/DROP LD CH 57
150-21001-58	200GHz ADD/DROP LD CH 58
150-21001-59	200GHz ADD/DROP LD CH 59
CUSTOM	CONTACT OUR SALES OFFICE

PART NO.	DESCRIPTION (200GHz MD ADD/DROP)
150-22001-21	200GHz ADD/DROP MD CH 21
150-22001-22	200GHz ADD/DROP MD CH 22
150-22001-23	200GHz ADD/DROP MD CH 23
150-22001-24	200GHz ADD/DROP MD CH 24
150-22001-25	200GHz ADD/DROP MD CH 25
150-22001-26	200GHz ADD/DROP MD CH 26
150-22001-27	200GHz ADD/DROP MD CH 27
150-22001-28	200GHz ADD/DROP MD CH 28
150-22001-29	200GHz ADD/DROP MD CH 29
150-22001-30	200GHz ADD/DROP MD CH 30
150-22001-31	200GHz ADD/DROP MD CH 31
150-22001-32	200GHz ADD/DROP MD CH 32
150-22001-33	200GHz ADD/DROP MD CH 33
150-22001-34	200GHz ADD/DROP MD CH 34
150-22001-35	200GHz ADD/DROP MD CH 35
150-22001-36	200GHz ADD/DROP MD CH 36
150-22001-37	200GHz ADD/DROP MD CH 37
150-22001-38	200GHz ADD/DROP MD CH 38
150-22001-39	200GHz ADD/DROP MD CH 39
150-22001-40	200GHz ADD/DROP MD CH 40
150-22001-41	200GHz ADD/DROP MD CH 41
150-22001-42	200GHz ADD/DROP MD CH 42
150-22001-43	200GHz ADD/DROP MD CH 43
150-22001-44	200GHz ADD/DROP MD CH 44
150-22001-45	200GHz ADD/DROP MD CH 45
150-22001-46	200GHz ADD/DROP MD CH 46
150-22001-47	200GHz ADD/DROP MD CH 47
150-22001-48	200GHz ADD/DROP MD CH 48
150-22001-49	200GHz ADD/DROP MD CH 49
150-22001-50	200GHz ADD/DROP MD CH 50
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150-22001-55	200GHz ADD/DROP MD CH 55
150-22001-56	200GHz ADD/DROP MD CH 56
150-22001-57	200GHz ADD/DROP MD CH 57
150-22001-58	200GHz ADD/DROP MD CH 58
150-22001-59	200GHz ADD/DROP MD CH 59
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