

Features:

- Epoxy Free Optical Path
- Low Insertion Loss
- High Stability & Reliability
- Low Temperature Sensitivity

Applications:

- DWDM System
- Add/Drop Channels
- CATV Fiber Optic Links
- Fiber Amplifier Systems

DWDM 1U Rack-mount Add/Drop Modules, 200 GHz, Single Fiber

Part Number	Description	Connectors
FAM-2180	Passive DWDM, Add/Drop, lamda 1, 1U Rack-mount module, single fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC
FAM-2200	Passive DWDM, Add/Drop, lamda 1, lamda 2, 1U Rack-mount module, single fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC

DWDM 1U Rack-mount Add/Drop Modules, 200 GHz, Two Fiber

Part Number	Description	Connectors
FAM-2060	Passive DWDM, Add/Drop, lamda 1, 1U Rack-mount module, two fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC
FAM-2080	Passive DWDM, Add/Drop, lamda 1, lamda 2, 1U Rack-mount module, two fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC

DWDM 1U Rack-mount Add/Drop Modules, 100 GHz, Single Fiber

Part Number	Description	Connectors
FAM-2100	Passive DWDM, Add/Drop, lamda 1, 1U Rack-mount module, single fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC
FAM-2120	Passive DWDM, Add/Drop, lamda 1, lamda 2, 1U Rack-mount module, single fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC

DWDM 1U Rack-mount Add/Drop Modules, 100 GHz, Two Fiber

Part Number	Description	Connectors
FAM-2140	Passive DWDM, Add/Drop, lamda 1, 1U Rack-mount module, two fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC
FAM-2160	Passive DWDM, Add/Drop, lamda 1, lamda 2, 1U Rack-mount module, two fibers, upgrade port, monitor port, protocol independent. (Customer specified)	LC

Other Packaging Options Available.

Specifications:

Information	100 GHz -- Add/Drop	200 GHz -- Add/Drop
Central Wavelength (nm)	C & L bands, ITU 100GHz grid or customer specification	1550 nm Window, ITU 200GHZ Grid or customer specification
Channel Passband (nm) @1.0dB	> = 0.2	> = 0.6
In → Out Insertion Loss* (dB)	< = 0.7	< = 0.7
In → Drop Insertion Loss* (dB)	< = 1.2	< = 1.2
Add → Out Insertion Loss* (dB)	< = 1.1	< = 1.1
Return Loss (dB)	> = 45	> = 45
Channel Isolation (dB) (In → Drop)	> = 25	> = 25
Residual Isolation (dB) (Dropped Channels)	> = 25	> = 25
Thermal Stability Drift (nm/ °C)	< = 0.002	< = 0.002
Insertion Loss Thermal Stability (dB /& °C)	< = 0.005	< = 0.005
Polarization Dependent Loss (dB)	< = 0.1	< = 0.1
Maximum Power Handling (mW)	250	250
Operating Temperature (°C)	0 to 60	0 to 60
Storage Temperature (°C)	-40 to 80	-40 to 80
*Note: Insertion loss does not include connector loss.		

[Dense Wave Division Multiplexing \(DWDM\) ITU Grid](#)