

Features:

- - Low Insertion Loss
- - High Isolation
- - Low PDL
- - Compact Design
- - High Reliability & Stability

Applications:

- - CWDM Systems
- - PON Networks
- -CATV Links

Compliance:

- - Telcordia GR-1209-CORE-2001
- - Telcordia GR-1221-CORE-1999
- - RoHS

Parameters	1x2	1x4	1x8
Center Wavelengths (nm)	ITU, ITU+1		
Passband (nm)	ITU±6.5		
Operating Wavelength (nm)	1460~1620		
Channel Space (nm)	20		
Fiber Type	ITU-T G657B		
ILMAX	1.0	1.8	2.8
Isolation (dB) / Adjacent	30		
Isolation (dB) / Non-Adjacent	40		
Ripple (db)	0.3	0.4	0.5
PDL (db)	0.2		
PMD (ps)	0.1		
RL (db)	45		
Directivity (db)	50		
Maximum Optical Power (mW)	500		
Operating Temperature	-10~85°C		
Storage Temperature	-40~85°C		

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

Center Wavelengths
1470
1490
1510
1530
1550
1570
1590
1610

**Mini Module CWDM Single Fiber
Mux**

Part Number	Description	Wavelengths	Connectors	Size
FCX-1780	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	No Connectors	80 x 60 x 8 mm
FCX-1800	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC	80 x 60 x 8 mm
FCX-1820	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC	80 x 60 x 8 mm
FCX-1840	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC/APC	80 x 60 x 8 mm
FCX-1860	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC/APC	80 x 60 x 8 mm

* (Subject to change without Notice)

Demux

Part Number	Description	Wavelengths	Connectors	Size
FCX-1880	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	No Connectors	80 x 60 x 8 mm
FCX-1900	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC	80 x 60 x 8 mm
FCX-1920	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC	80 x 60 x 8 mm
FCX-1940	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC/APC	80 x 60 x 8 mm
FCX-1960	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC/APC	80 x 60 x 8 mm

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Mux/Demux

Part Number	Description	Wavelengths	Connectors	Size
FCX-1980	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	No Connectors	80 x 60 x 8 mm
FCX-2000	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC	80 x 60 x 8 mm
FCX-2020	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC	80 x 60 x 8 mm
FCX-2040	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC/APC	80 x 60 x 8 mm
FCX-2060	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC/APC	80 x 60 x 8 mm

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Standard Field Mini Z Module CWDM Two Fiber

Mux/Demux

Part Number	Description	Wavelengths	Connectors	Size
FCX-2080	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	No Connectors	100 x 80 x 10 mm
FCX-2100	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC	100 x 80 x 10 mm
FCX-2120	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC	100 x 80 x 10 mm
FCX-2140	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	LC/APC	100 x 80 x 10 mm
FCX-2160	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8	SC/APC	100 x 80 x 10 mm

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Standard Field Module CWDM Single Fiber

Mux

Part Number	Description	Wavelengths	Connectors	Size
FCX-2180	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	No Connectors	100 x 80 x 10 mm
FCX-2200	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC	100 x 80 x 10 mm
FCX-2220	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC	100 x 80 x 10 mm
FCX-2240	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC/APC	100 x 80 x 10 mm
FCX-2260	Passive CWDM, mux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC/APC	100 x 80 x 10 mm

Demux

Part Number	Description	Wavelengths	Connectors	Size
FCX-2280	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	No Connectors	100 x 80 x 10 mm
FCX-2300	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC	100 x 80 x 10 mm
FCX-2320	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC	100 x 80 x 10 mm
FCX-2340	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC/APC	100 x 80 x 10 mm
FCX-2360	Passive CWDM, demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC/APC	100 x 80 x 10 mm

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Mux/Demux

Part Number	Description	Wavelengths	Connectors	Size
FCX-2380	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	No Connectors	100 x 80 x 10 mm
FCX-2400	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC	100 x 80 x 10 mm
FCX-2420	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC	100 x 80 x 10 mm
FCX-2440	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC/APC	100 x 80 x 10 mm
FCX-2460	Passive CWDM, mux/demux, single fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC/APC	100 x 80 x 10 mm

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**Standard Module CWDM Two Fiber
Mux/Demux**

Part Number	Description	Wavelengths	Connectors	Size
FCX-2480	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	No Connectors	100 x 80 x 10 mm
FCX-2500	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC	100 x 80 x 10 mm
FCX-2520	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC	100 x 80 x 10 mm
FCX-2540	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	LC/APC	100 x 80 x 10 mm
FCX-2560	Passive CWDM, mux/demux, two fiber, field module, 1.0 meter 900um loose tube legs, protocol independent.	8 + 1310nm	SC/APC	100 x 80 x 10 mm

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