

Description:

1x8+1310nm+Upgrade port+Test port (95/5), dual fiber Mux & Demux CWDM packaged in an LGX (EL) Module, center wavelength 1470nm, 1490nm, 1510nm, 1530nm, 1550nm, 1570nm, 1590nm, 1610nm, Terminated with LC/UPC, total 24 ports.

CWDM LGX Ultra Low Loss Single Fiber

Part Number	Description	Connectors	Wavelengths
FCX-2580	Passive CWDM ultra low loss, mux, single fiber, LGX, protocol independent.	LC	8
FCX-2600	Passive CWDM ultra low loss, demux, single fiber, LGX, protocol independent.	LC	8
FCX-2620	Passive CWDM ultra low loss, mux/demux, single fiber, LGX, protocol independent.	LC	8

CWDM LGX Ultra Low Loss Two fibers

Part Number	Description	Connectors	Wavelengths
FCX-2640	Passive CWDM ultra low loss, mux/demux, two fibers, LGX, protocol independent.	LC	8

CWDM LGX Ultra Low Loss Single Fiber 1x8+1310

Part Number	Description	Connectors	Wavelengths
FCX-2660	Passive CWDM ultra low loss, mux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-2680	Passive CWDM ultra low loss, demux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-2700	Passive CWDM ultra low loss, mux/demux, single fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX Ultra Low Loss Two Fiber 1x8+1310

Part Number	Description	Connectors	Wavelengths
FCX-2720	Passive CWDM ultra low loss, mux/demux, two fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX Module Single Fiber

Part Number	Description	Connectors	Wavelengths
FCX-2740	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	8
FCX-2760	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	8
FCX-2780	Passive CWDM, mux/demux, single fiber, LGX, protocol independent.	LC	8

CWDM LGX Module Two Fiber

Part Number	Description	Connectors	Wavelengths
FCX-2800	Passive CWDM, mux/demux, two fibers, LGX, protocol independent.	LC	8

CWDM LGX 1x8+1310 Single Fiber

Part Number	Description	Connectors	Wavelengths
FCX-2820	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-2840	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-2860	Passive CWDM, mux/demux, single fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX 1x8+1310 Two Fiber

Part Number	Description	Connectors	Wavelengths
FCX-2880	Passive CWDM, mux/demux, two fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX Module Single Fiber, Monitor Port

Part Number	Description	Connectors	Wavelengths
FCX-2900	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	8
FCX-2920	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	8
FCX-2940	Passive CWDM, mux/demux, single fiber, LGX, protocol independent.	LC	8

CWDM LGX Module Two Fiber, Monitor Port

Part Number	Description	Connectors	Wavelengths
FCX-2960	Passive CWDM, mux/demux, two fiber, LGX, protocol independent.	LC	8

CWDM LGX 1x8+1310 Single Fiber, Monitor Port

Part Number	Description	Connectors	Wavelengths
FCX-2980	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-3000	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	1x8+1310
FCX-3020	Passive CWDM, mux/demux, single fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX 1x8+1310 Two Fiber, Monitor Port

Part Number	Description	Connectors	Wavelengths
FCX-3040	Passive CWDM, mux/demux, two fiber, LGX, protocol independent.	LC	1x8+1310

CWDM LGX 1x16 Single Fiber

Part Number	Description	Connectors	Wavelengths
FCX-3060	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	1x16
FCX-3080	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	1x16

CWDM LGX 1x16 Single Fiber, Monitor Port

Part Number	Description	Connectors	Wavelengths
FCX-3100	Passive CWDM, mux, single fiber, LGX, protocol independent.	LC	1x16
FCX-3120	Passive CWDM, demux, single fiber, LGX, protocol independent.	LC	1x16

B	OP	Optical Performance	Typical Test Data			Max/Min Unit
1	CH	Channels	8			
2	OW	Operation Wavelength (nm)	1260~1620			
3	CW	Center Wavelength (nm)	1310/1470/1490/1510/1530/1550/1570/1590/1610			
4	CP	Channel Passband (nm)	1310± Other: ±6.5			
			Mux	Demux		
5	IL	Insertion Loss (dB)	COM→1310nm	0.73	0.79	≤4.0
			COM→1470nm	1.01	2.49	
			COM→1490nm	1.05	2.08	
			COM→1510nm	1.30	1.80	
			COM→1530nm	1.38	1.61	
			COM→1550nm	1.58	1.72	
			COM→1570nm	1.76	1.47	
			COM→1590nm	2.20	1.30	
			COM→1610nm	2.42	1.00	
			COM→Exp	2.30	2.70	
		COM→Mon	15	13	≤17	
		IS	Isolation (dB)	Adjacent Channel	36	32
	Non-adjacent Channel			53	53	≥50
	1310 Channel			47	46	≥30
	Exp Channel			22	22	≥12
7	PDL	Polarization Dependent Loss (dB)	0.11			≤0.2
8	UF	Ripple	0.20			≤0.5
9	RL	Return Loss (dB)	45			≥45
10	DIR	Directivity (dB)	52			≥50
11	PMD	Polarization Mode Dispersion (ps)	0.08			≤0.1
12	PH	Power Handling (mw)	500			
13	FT	Fiber Type	SMF-28e with 900um Loose Tube			
14	OT	Operating Temperature (°C)	0~75			
15	ST	Storage Temperature (°C)	-40~85			
16	PD	Package Dimension (mm)	LGX (EL)			
17	CT	Connector Type	LC/UPC			