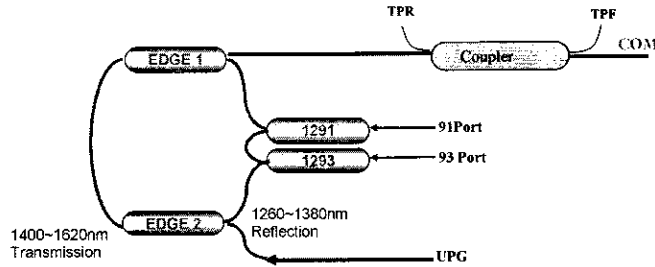


A Configuration



B Channel Optical Performance

0	Parameter	Region	Measure from => to	Unit	Spec	
				nm	1260~1380&1400~1620	
1	Optical Operating Wavelength	CORwave	91port, 93port	nm	1260~1380	
2	Channels				2	
3	Center wavelength				1291, 1293	
4	Pass Band @ 0.5dB	CORwave		nm	±0.22	
5	Insertion Loss(a)	Test Points Insertion Loss		dB	Min: 19, Max 21	
		CORwave	com=> 91 port	Max	dB	1.80
		CORwave	com=> 93 port	Max	dB	1.90
		Upgrade Port	com=> Upgrade	Max	dB	2.50
6	IL Slope	CORwave	com=> channels	Max	dB/nm	<±0.15 within λ±0.07nm
			com=> channels	Max	dB/nm	<±0.25 within λ±0.15nm
			com=> channels	Max	dB/nm	<±0.35 within λ±0.22nm
7	Isolation	adjacent channel	com=> channels			30
		non-adjacent channel	com=> channels	Min	dB	45
		Upgrade Port Isolation	com=> Upgrade			15
8	Ripple	passband	com=> channels	Max	dB	0.3
9	Insertion Loss Change Over Operating Temperature – All Ports	passband	com=> channels	Max	dB	0.5

a Insertion Loss including Connector

C General Optical Performance

					Spec	
1	Directivity			Min	dB	45
2	Return Loss			Min	dB	45
3	Polarization Dependent Loss			Max	dB	0.15
4	Polarization Mode Dispersion			Max	ps	0.2(DG)
5	Power Handling			Min	mW	300

D Temperature Ranges

					Spec
1	Operating Temp			°C	-40 to 85
2	Storage Temp			°C	-40 to 85

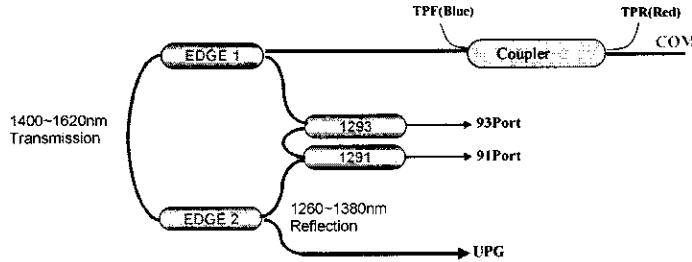
E Mechanical and Package

					Spec
1	Box size			mm	158.8*130.0*29 1U LGX
2	Fiber Type				SMF-28e with 900um tight buffer
3	Connector Type				SC/APC

F Miscellaneous

					Spec
1	DG = Design Guaranteed				
2	All specifications include the effect of operating temperature and all states of polarization.				

A Configuration



B Channel Optical Performance

				Spec		
0	Parameter	Region	Measure from => to	Unit		
1	Optical Operating Wavelength			nm	1260~1380&1400~1620	
2	Channels	CORwave	91port, 93port	nm	1260~1380	
3	Center wavelength			nm	1291 1293	
4	Pass Band @ 0.5dB	CORwave		nm	±0.22	
5	Insertion Loss(a)	Test Points Insertion Loss		dB	Min: 19, Max 21	
		CORwave	com=> 91 port	Max	dB	1.90
		Upgrade Port	com=> Upgrade	Max	dB	2.50
6	IL Slope	CORwave	com=> channels	Max	dB/nm	<±0.15 within λc±0.07nm
			com=> channels	Max	dB/nm	<±0.25 within λc±0.15nm
			com=> channels	Max	dB/nm	<±0.35 within λc±0.22nm
7	Isolation	adjacent channel	com=> channels	Min	dB	30
		non-adjacent channel	com=> channels			45
		@CORwave	com=> Upgrade			15
8	Ripple	passband	com=> channels	Max	dB	0.3
9	Insertion Loss Change Over Operating Temperature	passband	com=> channels	Max	dB	0.5

a Insertion Loss including Connector

C General Optical Performance

				Spec		
1	Directivity			Min	dB	45
2	Return Loss			Min	dB	45
3	Polarization Dependent Loss			Max	dB	0.15
4	Polarization Mode Dispersion			Max	ps	0.2(DG)
5	Power Handling			Min	mW	300

D Temperature Ranges

				Spec	
1	Operating Temp			°C	-40 to 85
2	Storage Temp			°C	-40 to 85

E Mechanical and Package

				Spec	
1	Box size			mm	120*80*9 (ABS)
2	Fiber Type				SMF-28e+ with 900um tight buffer
3	Fiber length			m	1.0+/-0.1
4	Fiber Color				see Apperance Drawing
5	Connector Type				NN

F Miscellaneous

				Spec	
1	DG = Design Guaranteed				
2	All specifications include the effect of operating temperature and all states of polarization.				
3	Reference 1504118 SPEC				