PREMIUM CONNECTIVITY SOLUTIONS

WDM SOLUTIONS

ENSURE

MEET ENSURE

With a scalable, customizable production chain and massive commitment to R&D, Ensure crafts premium components (PLC splitters, ceramic ferrules, passive optical components, and WDM products) to meet the exploding growth of fiber optic networks. We manufacture all essential components on-site and control the entire process from start to finish. We can also provide white-label design and packaging for customers who require it.

We've helped customers exceed expectations in quality and reliability since our founding in 2001. Along with our parent company, HH Group plus our affiliated telecommunications corporate siblings, we are an invaluable partner in helping customers like you build bridges from today to an ever-more con- nected tomorrow.

Are you ready for what's to come?

THE CHALLENGE

Explosive growth. Insatiable demand. Speed. reliability, and scalability high-perfor- mance define the digital infrastructure of tomorrow. As FTTx and 5G pla- tforms take center stage in con-tent delivery and communications, the thirst for digital programming, reliance on remote workforces and video conferencing, plus an IoT landscape that connects every- thing from doorbell cams to diaper sensors-show no signs of slowing down.





QUALITY FIRST

We help customers meet the future head-on with an unwave- ring commitment to quality. We invest heavily in specialized equi- pment and continuously develop and perfect complex, industry-le- ading processes in our laborato- ries. Perhaps most importantly, we control the entire production chain from start to finish, making sure every component that comes off the line is flawless.

Fuse Wavelength Division Multiplexer (WDM)



Features

Low Insertion Loss High Isolation Compact Size Top Quality-Price Ratio

Applications

Long-Haul Telecommunications Erbium Doped Fiber Amplifiers (EDFA) Digital, Hybrid & AM-Video Systems High-Speed Multi-Wavelength Systems

Performance Specifications

Type		W	A	WB	WC	
Grade		P	A	Р	P	
Maximum Insertion Loss	dB	0.3	0.4	0.7	1.2	
Min Isolation	dB	17	16	34	45	
PDL	dB	0.05	0.10	0.10	0.15	
Operating Wavelength	nm	1295~1325/1528~1565				
Directivity	dB	≥60				
Return Loss	dB		2	55		
Operating Temperature	°C	-10	~+70(-40~+85 av	ailable upon reque	est)	
Storage Temperature	10		-40 ti	o +85	9000	
Fiber Type	1		Corning Single m	ode SMF-28E+(LL)		
Fiber Length	m		1 meter or cus	tom on request		
Port Configuration			1x2 c	or 2x2		
Package Dimensions		A, B, (C, D, I	S, D	D	

Type		850/1310	980/1060	980/1310	980/1550	1480/1550			
Grade	31 00 0	P	P	Р	Р	P			
Maximum Insertion Loss	dB	0.25	0.40	0.35	0.25	0.30			
Min Isolation	dB	20	16	18	20	14			
PDL	dB	0.10	0.15	0.10	0.05	0.10			
Bandwidth	nm	±10	±5	±5	±10	±5			
Directivity	dB	≥60							
Return Loss	dB	18		≥55					
Operating Temperature	*C	1	-10~+70(-40-	+85 available	upon request)				
Storage Temperature	10	13	- 171	-40 to +85	7-				
Fiber Type			Coming HI 1	060, CS 980, S	MF-28E+(LL)				
Fiber Length	m	3	1 meter	or custom on	request				
Port Configuration		d		1x2 or 2x2					
Package Dimensions			A, B, C						

		00		0000							
Гуре	Grade	Wavelength	Coupling Ratio	Port	Package	Pigtail Style	Fiber Type	In/Out Connecto			
D	S=S P=P A=A	83=850/1310 93=980/1310 96=980/1060 95=980/1550 45=1480/1550	00=Standard	0102=1x2 0202=2x2	A=PKG A B=PKG B C=PKG C D=PKG D S=PKG S I=PKG I	1=bare 2=900um 3=3mm	0=SMF-28E+(LL) 1=HI 1060 2=CS 980 3=HI 1060 Flex S=Special	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC X=Special			
Pac	kage	Dimensio	ons & Pig	tail Style			**				
Pac	kage	Dimensio	ons:								
3mn	kage nx54n nless s			8.0mm	54mm		-				
3mn	kage nx60n nless s		-	***	6lmr	Ra	 →				
8.5m	kage nmx14 tic Ca	4mmx98mn	1	14mm	98/14	0//	E.Smin-				
	kage mm x	D: 80mm x 12	?0mm	W	=4-		н				
Pac	kage	S:	9	9.2mm(H) x 50.88mm(W) x 88.9mm(L)							
Package I:				Summ Free Space Isolator							
Pig	tail S	tyle:									
Packa	age A:		1	250um bare	fiber						
Pack	age B:		î	250um bare fiber or 900um loose tube							
District of	age C,	D. S.		3mm cable or 900um loose tube							

1x2 CWDM Device



Features

High Isolation & Return Loss Wide Pass Band High Channel Isolation High Stability and Reliability Epoxy free on optical path

Applications

Line monitoring and WDM Network Telecommunication Fiber optical Amplifier and Access Network

Performance Specifications

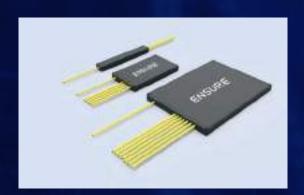
Parameter		Unit	Specification
Operating Wavelength		nm	1270 to 1610
Center Wavelength Accuracy		nm	±0.5
Channel Spacing		nm	20
Channel Passband (@-0.5dB bandwidth)		nm	>13
Pass Channel Insertion Loss		dB	≤0.6
Reflection Channel Insertion Loss		dB	≤0.4
Channel Ripple		dB	<0.3
Isolation	Adjacent	dB	>30
isolation	Non-adjacent	dB	>40
Insertion Loss Temperature Sensitivity		dB/°C	0.005
Wavelength Temperature Shifting		d8/nm	0.002
Polarization Dependent Loss		dB	<0.10
Polarization Mode Dispersion		ps	<0.1
Directivity		dB	>50
Return Loss		dB	>45
Maximum Power Handling		mW	300
Operating Temperature		ε.	-5-+70
Storage Temperature		70	-40-+85
Package Dimension		mm	Φ4.5x25 or Φ5.5x30

Ordering Information

CWDM					00	
	Channel Spacing	Pass Channel	Fiber Style	Fiber Length	In/Out Connector	
	C=CWDM Grid	27=1270nm 	1=Bare Fiber 2=900um Jacket	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC	



CWDM Module



Features

Low Insertion Loss
Wide Pass Band
High Channel Isolation
Epoxy free on optical path
High Stability and Reliability

Applications

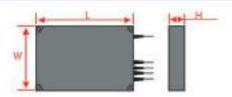
Line monitoring and WDM Network Telecommunication Fiber optical Amplifier and Access Network

Performance Specifications

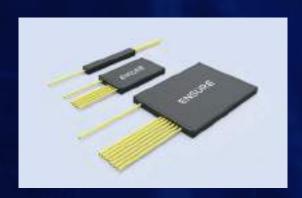
Damanatan		11144	4 Ch	annel	B Ch	annel	16 C	hannel		
Parameter		Unit	Mux	Demux	Mux	Denvux	Mux	Demux		
Operating Wavelength		om.	1270 to 1610							
Center Wavelength Accuracy	Center Wavelength Accuracy				±	0.5				
Channel Spacing		nm.			- 0	50				
Channel Passband (@-0.5dB bandwidth)		nm			->	13				
Pass Channel Insertion Loss		dB	£	1.6	- 5	2.5	- 5	4.5		
Channel Ripple	dB.	<0.3								
feeleties	Adjacent	dB B	N/A	>30	N/A	>30	N/A	>30		
Isolation	Non-adjacent	dB	N/A	>40	N/A	>40	N/A	>40		
Insertion Loss Temperature Se	ensitivity	dB/°C	0.005							
Wavelength Temperature Shift	ting	dB/nm	0.002							
Polarization Dependent Loss		dB	<0	0.10	<0.10		< 0.10			
Polarization Mode Dispersion		ps.		1.0	e	0.1				
Directivity		dB			>	50				
Return Loss		dB			>	45				
Maximum Power Handling		mW.			3	00				
Operating Temperature		°C	-5-+70							
Storage Temperature		2"	-40-+85							
Package Dimension		mm	L110xW	/95xH7.5	L110xW	/95xH7.5	L110xV	V95xH7.5		

Ordering Information

CWDM		00	0	00			00	
	Channel Spacing	Channels	Configuration	1st Channel	Fiber Style	Fiber Length	In/Out Connecto	
	C=CWDM Grid	04=4 CH 08=8 CH 16=16 CH	M=Mux D=demux	27=1270nm 47=1470nm 49=1490nm 61=1610nm	1=Bare Fiber 2=900um Jacket	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3×SC/APC 4×SC/PC 5=ST 6=LC	



CWDM OADM Module



Features

Low Insertion Loss
High channel Isolation
High Stability and Reliability
CWDM channel spacing

Applications

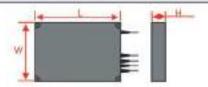
Channel Add/Drop CWDM Network Fiber optical amplifier CATV fiber optic system Metro/Access Network

Performance Specifications

Danamatan		Hate	1 Ch	annel	2 Ch	annel	4.0	hannel		
Parameter		Unit	Add	Drop	Add	Drop	Add	Drop		
Operating Wavelength		.mn	1270 to 1610							
Center Wavelength Accuracy		nm			2	0.5				
Channel Spacing		nm			- 2	(0)				
Channel Passband (@-0.5dB bandwidth)		nm				13				
	In-drop @ drop	dB	0.6		. 0	.9		1.5		
Pass Channel Insertion Loss	Add-out @ add		0.6		0	.9:		1.5		
	In-out @ other	5.00	0.6 1.2		2	1.4				
Channel Ripple	dB	<0.3								
Isolation	Adjacent	dB	N/A	>30	N/A	>30	N/A	> 30		
	Non-adjacent	Bb	N/A	>40	N/A	540	N/A	>40		
Insertion Loss Temperature Sensi	tivity	d8/°C	0.005							
Wavelength Temperature Shifting	1	dB/nm			0.0	002				
Polarization Dependent Loss		dB			<0	110				
Polarization Mode Dispersion		ps			<	0.1				
Directivity		dB			>	50				
Return Loss		d8			>	45				
Maximum Power Handling		mW.			3	00				
Operating Temperature		7			-5~	+70				
Storage Temperature		Υ			-40-	+85				
Package Dimension		mm			L110xW	95xH7.5				

Ordering Information

CWDM		00		00				
	Channel Spacing	Channels Configuration		1st Channel	Fiber Style	Fiber Length	In/Out Connecto	
	Channel Spacing Channels Configuration	22=2x2	27=1270nm 47=1470nm 49=1490nm 61=1610nm	1=Bare Fiber 2=900um Jacket 3=2mm Cable 4=3mm Cable	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC		



100/200Ghz DWDM Optical CWDM OADM Module Add-Drop Multiplexer



Features

Low Insertion Loss High Channel Isolation Epoxy free on optical path High Stability and Reliability

Applications

Channel Add/Drop DWDM Network Wavelength Routing Fiber Optical Amplifier CATV Fiber Optic System

Performance Specifications

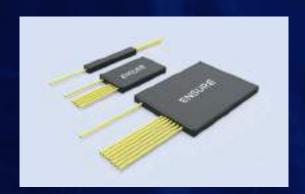
Parameter		Unit	Mux/	Demux	
Operating Wavelength		nm	İTL	Grid	
Center Wavelength Accuracy		nm	±0.05	±0.1	
Channel Spacing			100	200	
Channel Passband (@-0.5dB bandwidth		nm	>0.22	>0.5	
Pass Channel Insertion Loss	337	dB	≤1.0 ≤1.0		
Reflection Channel Insertion Loss		dB	≤0.4	≤0.4	
Channel Ripple	dB	<0.3			
Isolation	Adjacent	dB	>30		
Isolation	Non-adjacent	dB		40	
Express Channel Isolation		dB		13	
Insertion Loss Temperature Sensitivity		dB/°C	0	.005	
Wavelength Temperature Shifting		dB/nm	0.002		
Polarization Dependent Loss		d8	- 3	0.1	
Polarization Mode Dispersion		ps		0.1	
Directivity		dB		50	
Return Loss		dB		45	
Maximum Power Handling	mW .	51	300		
Operating Temperature		°C	-5	-+70	
Storage Temperature		°C	-40	H+85	
Package Dimension		mm	5.5xt34 (L38 for	900um loose tube)	

Ordering Information

DWDM					00	
	ITU Pass Channel		Fiber Style	Fiber Length	In/Out Connector	
	1=100G 2=200G	21=CH21 22=CH22 	1=Bare Fiber 2=900um Jacket	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC	



100GHz DWDM Module



Features

Low Insertion loss High Stability and Reliability High channel isolation Epoxy free on optical path

Applications

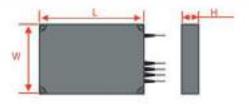
Channel Add/Drop DWDM Network Fiber optical amplifier CATV fiber optic system Wavelength routing

Performance Specifications

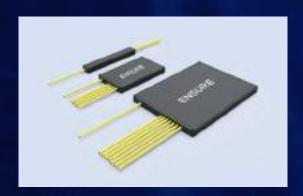
Description		19494	4 Ch	annel	B Chi	annel	16 CF	annel	32 CF	nannel
Parameter		Unit	Mux	Demux	Mux	Demux	Muse	Demux	Mux	Demu
Operating Wavelen	gth	nm	ITU 100 GHz Grid							
Center Wavelength	Accuracy	nm	±0.05							
Channel Spacing		GHZ				10	10			
Channel Passband (@-0.5dB bandwidth)		nm				>0	22			
Pass Channel Insert	ion Loss	dB	3	2.0	53	3.5	4	5.0	\$	5.5
Channel Ripple	(CIPATEDES)	- dB -		<0.3						
Isolation	Adjacent	d8	N/A	>30	N/A	>30	N/A	>30	N/A	>30
-	Non-adjacent	dB	N/A	>40	N/A	>40	N/A	>40	N/A	>40
Insertion Loss Temp	perature Sensitivity	dB/°C	0.005							
Wavelength Tempe	rature Shifting	dB/nm	0.002							
Polarization Depen	dent Loss	dθ	<0	0.10	<0.10		< 0.15		< 0.15	
Polarization Mode i	Dispersion	ps				<0	1,1			
Directivity	77	dB				>5	50			
Return Loss		dB				5.6	15			
Maximum Power H	andling	mW	300							
Operating Tempera	rture	°C		-5-+70						
Storage Temperature "C			-40~+85						S209-1-0	
Package Dimension	1	mm	L110xW	95xH7.5	L110xW	95xH7.5	L110xW	795xH15	L110xW	/95xH30

Ordering Information

CWDM		00		00			00
	Channel Spacing	Channels	Configuration	1st Channel	Fiber Style	Fiber Length	In/Out Connector
	1=100GHz	04=4CH 08=8CH 16=16CH 32=32CH	M=Mux D=Demux	21=CH21 34=CH34 50=CH50	1=Bare Fiber 2=900um Jacket 3=2mm Cable 4=3mm Cable	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC



200GHz DWDM Module



Features

Low Insertion loss High Stability and Reliability High channel isolation Epoxy free on optical path

Applications

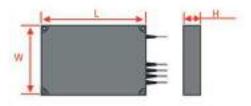
Channel Add/Drop
DWDM Network
Fiber optical amplifier
CATV fiber optic system
Wavelength routing

Performance Specifications

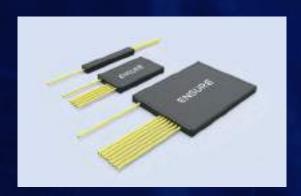
Dansmaker		Unit	4 Ch	sannel	8 Ch	annel	16 C	sannel	
Parameter		Unit	Mix	Demux	Mux	Demux	Mux	Demux	
Operating Wavelength		.nm	ITU 200 GHz Grid						
Center Wavelength Acco	uracy	nm				0.1			
Channel Spacing	- 2-2	GHz			2	00			
Channel Passband (@-0	.5dB bandwidth)	nm			2	0.5			
Pass Channel Insertion L	oss	dB	- 5	1.5	_ £	3.0	- 5	4.2	
Channel Ripple		dB			- 4	0.3			
Santastan -	Adjacent	d8	N/A	>30	N/A	>30	N/A	>30	
Isolation	Non-adjacent	d8	N/A	>40	N/A	>40	N/A	>40	
Insertion Loss Temperat	ure Sensitivity	dB/°C	0.005						
Wavelength Temperatur	re Shifting	.dB/nm	0.002					C90 5	
Polarization Dependent	Loss	dB	<0.10 <0.10			0,10	<0.15		
Polarization Mode Dispe	ersion	ps			*	0.1			
Directivity	4	dB	>50						
Return Loss		dB	>45						
Maximum Power Handling		mW	300						
Operating Temperature		°C	-5+70						
Storage Temperature		10	2000022	0.7.5.49 (192.7	-40	+85			
Package Dimension		mm	L110xV	V95xH7.5	L110xW	/95xH7.5	LTTOXY	V95xH15	

Ordering Information

CWDM		00		00			00
	Channel Spacing	Channels	Configuration	1st Channel	Fiber Style	Fiber Length	In/Out Connector
	2=100GHz	04=4CH 08=8CH 16=16CH	M=Mux D=Demux	21=CH21 34=CH34 50=CH50	1=Bare Fiber 2=900um Jocket 3=2mm Cable 4=3mm Cable	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC



100Ghz DWDM OADM Module



Features

ITU Channel Spacing
Low Insertion loss
High Stability and Reliability
High channel isolation
Epoxy free on optical path

Applications

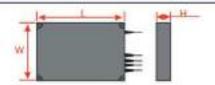
Channel Add/Drop DWDM Network Fiber optical amplifier CATV fiber optic system Wavelength routing

Performance Specifications

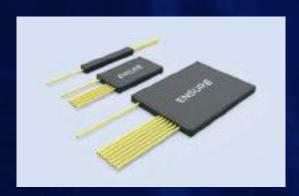
Despusator		Unit	4 Ch	annel	8 Channel	
Parameter		Onic	Add	Drop	Add	Drop
Operating Wavelength		nm		ITU	Grid	*****************
Center Wavelength Accuracy		nm		±0).05	
Channel Spacing		GHz		1	00	
Channel Passband (@-0.5dB bandwidth)		nm		> (22.	
C-C-07 90 - 10.C-	In-drop @ drop	dB	2	.0	3	3.2
Pass Channel Insertion Loss	Add-out @ add		2	.0	3.2	
	In-out @ other	1/	2	.0		5.0
Channel Ripple	- 12	dB	<0.3			257
Isolation	Adjacent	dB	N/A	>30	N/A	>30
isolation	Non-adjacent	dB	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity		dB//C	0.005			
Wavelength Temperature Shifting		dB/nm	0.002			
Polarization Dependent Loss		dB	<0.1			
Polarization Mode Dispersion		ps			0.1	
Directivity		dB	>50			
Return Loss		dB	>45			
Maximum Power Handling		mW	300			
Operating Temperature		°C	-5-+70			
Storage Temperature		°C	INVAN	-40-	-+85	Annual Santanian
Package Dimension		mm	L110xW	95xH7.5	L110x	V95xH15

Ordering Information

CWDM		00		00			00
	Channel Spacing	Channels	Configuration	1st Channel	Fiber Style	Fiber Length	In/Out Connector
	1=100GHz	04=4CH 08=8CH	44=4x4 88=8x8	21=CH21 :::34=CH34 ::50=CH50	1=Bare Fiber 2=900um Jacket 3=2mm Cable 4=3mm Cable	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC



200Ghz DWDM OADM Module



Features

Low Insertion loss High Stability and Reliability High channel isolation Epoxy free on optical path

Applications

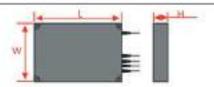
Channel Add/Drop
DWDM Network
Fiber optical amplifier
CATV fiber optic system
Wavelength routing

Performance Specifications

D		Haria	4 Ch	annel	8 Ch	annel
Parameter		Unit	Add	Drop	Add	Drop
Operating Wavelength		nm:	-	ITU	Grid	-
Center Wavelength Accuracy		nm		±0	0.1	
Channel Spacing		GHz		. 5	00	
Channel Passband (@-0.5dB bandwidth)		mm:		>1	0.5	
Total NY OD OT TO	In-drop @ drop	dB	1	.8	. 3	1.0
Pass Channel Insertion Loss	Add-out @ add		1	.8.	3.0	
	In-out @ other		2	.5		i.0
Channel Ripple		dB	<0.3			57
Isolation	Adjacent	d8	N/A	>30	N/A	⇒30
isciation	Non-adjacent	dB	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity	100000000000000000000000000000000000000	dB/'C	0.005			
Wavelength Temperature Shifting		dB/nm	0.002			
Polarization Dependent Loss		dB	<0.1			
Polarization Mode Dispersion		ps		><)	0.1	
Directivity		d8	>50			
Return Loss		dB	>45			
Maximum Power Handling		mW	300			
Operating Temperature		,c	-5-+70			
Storage Temperature		2		-40-	+85	
Package Dimension		mm	LTTON	95xH7.5	L110xV	V95xH15

Ordering Information

CWDM				00			00
	Channel Spacing	Channels	Configuration	1st Channel	Fiber Style	Fiber Length	In/Out Connector
	1=100GHz	04=4CH 08=8CH	44=4x4 88=8x8	21=CH21 34=CH34 50=CH50	1=Bare Fiber 2=900um Jacket 3=Zmm Cable 4×3mm Cable	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC



Single Mode Micro-Optical Wavelength Division Multiplexer



Features

Wide Operating Wavelength Range Low Insertion Loss Ultra Flat Wide Passband High Channel Isolation High Stability and Reliability

Applications

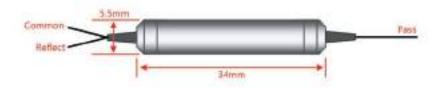
System Monitoring WDM System Transmitters and Fiber lasers Fiber Optical Amplifier and Instruments

Performance Specifications

Parameter		Unit	Specification
Pass Channel Wavelength range		nins	1500-1600 or 1260-1360
Reflect Channel Wavelength range		nm	1260-1360 or 1500-1600
Insertion Loss	Reflect Channel	dB	≤0.4
Insertion Loss	Pass Channel	dB	≤0.6
Insertion Loss Variation	-34 nc	dB	< 0.3
111	Reflect Channel	dB	>15
Isolation	Pass Channel	dB	×40
Insertion Loss Temperature Sensitivity	*11-12-00-000	d8/°C	0.005
Polarization Dependent Loss		dB	<0.1
Polarization Mode Dispersion		ps.	<0.1
Directivity		dB	>50
Return Loss		dB	>50
Maximum Power Handling		mW	300
Operating Temperature		,c	-5-+70
Storage Temperature		~~	-40-+85
Package Dimension		mm	Φ5.5xL34 (L38 for 900um loose tube)

Ordering Information

MWDM	00			00
	Wavelength	Fiber Style	Fiber Length	In/Out Connector
	35=1310 pass 53=1550 pass	1=Bare Fiber 2=900um Jacket	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC



Multi Mode Micro-Optical Wavelength Division Multiplexer



Features

Wide Operating Wavelength Range Low Insertion Loss Ultra Flat Wide Passband High Channel Isolation High Stability and Reliability

Applications

Testing Instruments FTTH Tri-Play System

Performance Specifications

Parameter		Unit	FWDM4/35	FWDM5/34	FWDM34/5		
Pass Band Wavelength range			1480~1500	1540-1560	1260-1360 &1480-1500		
Reflection Band 1 Wavelength Range		nm	1260~1360	1260-1360	2540, 2550		
Reflection Band 1 Wavelength Range	7.	nm	1540-1560	1480-1500	1540-1560		
I	Reflect Channel	dB		≤0.4			
Insertion Loss	Pass Channel	dB	≤0.8				
Insertion Loss Variation		dB	<0.3				
ALCHEROLO .	Reflect Channel	dB	31S				
Isolation	Pass Channel	dB	>40				
Insertion Loss Temperature Sensitivity		dB/°C	0.005				
Polarization Dependent Loss		dB	<0.1				
Polarization Mode Dispersion		ps	<0.1				
Directivity		dB	1	>50			
Return Loss		dB	>50				
Maximum Power Handling		mW	1	300			
Operating Temperature		90	-5-+70				
Storage Temperature		°C	-40-+85				
Package Dimension		mm	Φ5.5xL3/	4 (L38 for 900um loc	ose tube)		

Ordering Information

MWDM	00	00 0		00	
	Wavelength	Fiber Style	Fiber Length	In/Out Connector	
	4/35=1490P/1310&1550R 5/34=1550P/1310&1490R 34/5=1310&1490P/1550R	1=Bare Fiber 2=900um Jacket	1=1.0m 2=1.5m 3=2.0m X=Customized	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC	



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