

Wavelength Division/Isolation Hybrid

Features:

1. High isolation
2. Low insertion loss
3. High return loss
4. Low polarization
5. Epoxy free in optical path

Application:

1. Fiber Amplifier
2. Fiber CATV Net
3. Fiber Testing System
4. Fiber LAN System
5. Fiber Communication

Parameter			980/1550nm		1480/1550nm	
			Single Stage	Dual Stage	Single Stage	Dual Stage
Operating Wavelength	C Band	nm	1528~1564		1528~1564	
	L Band	nm	1570~1605		1528~1564	
Pump Port Operating Wavelength		dB	965~1000		1450~1490	
Isolation (@23° C, all sop)		dB	>31		>45	
Wavelength Sensitive Loss Isolation (1to2or2to1@1Pump Port)		dB	0.25		0.3	
		dB	>30		>25	
Insertion Loss(0to +70°C all sop)	Pump Port	dB	0.6		0.6(Typical value 0.4)	
	Signal Port	dB	1.2	1.3	0.8(Typical0.6)	1.0(Typical0.8)
PDL			<0.1		<0.2	
PMD			≤0.25(0.05)		≤0.05	
Isolation (1to3@1Signal Port)		dB	>12		>12	
Return Loss			>50		>50	
Directivity			>55		>55	
Max Power		Mw	300		300	
Operating Temperature		°C	0~70		0~70	
Storage temperature		°C	-40~+85		-40~+85	
Fiber Type		°C	Corning Flexcore 1060 Communal Port/Pump Port		CorningSMF-28Fiber Signal port/Tap Port	
Packaging Dimension		mm	5.5XL38 or		Mini 3.0XL26	

Order Information: HIWDM-①①-②-③-④-⑤-⑥-⑦

①①Operating Wavelength

95=980/1550nm

59=1550/980nm

35=1310/1550nm

53=1550/1310nm

45=1480/1550nm

54=1550/1480nm

②Grade

S=Single Stage

U=Dual Stage

③Type

F=Forward Type

B=Backward Type

④Fiber Type

1=170um PM

2=250um PM

3=250nm Bare Fiber

4=900um Loose Tube

5=3mm Cable

⑤Fiber Length

1=1M

2=2M

⑥Packaging Dimension

A=A Size

B=B Size

S=Customer Demand

⑦Connector

0=None

1=FC/APC

2=FC/PC

3=SC/APC

4=SC/PC

5=ST

6=LC