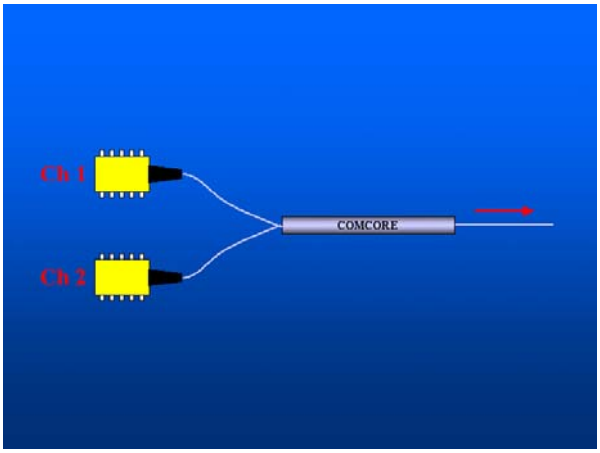
14xx Two-Channel Wavelength Pump Combiner



Product Features

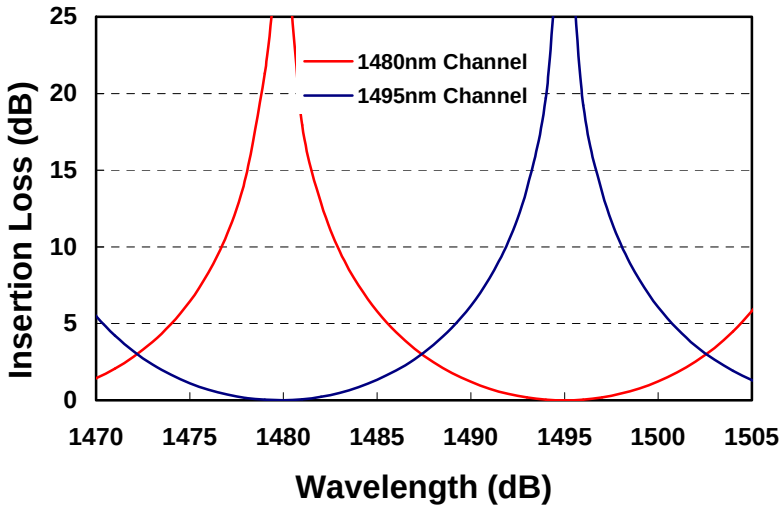
- Superfused Allfiber Approach
- Very Low Insertion Loss
- Low Polarization Dependent Loss
- High Power Handling
- Ultra-High Reliability

Product Applications

- High Power Sources
- Optical Amplifiers
- Optical Instrument

Parameters		Specifications			
Channel Space		nm	10 to 19	20 to 29	30 to 40
Channel Bandwidth		nm	2	3	4
Insertion Loss	Max.	dB	0.3		
PDL	Max.	dB	0.2		
Isolation	Min.	dB	14		
Directivity	Min.	dB	55		
Return Loss	Min.	dB	55		
Operating power	Max.	mW	1000		
Operating Temperature		°C	-10 to +70		
Storage Temperature		°C	-40 to +85		
Package Type		mm	S10	Ø3x92: for bare fiber	

Typical Spectrums for 1480/1495nm Combiner



Ordering Information

W	P	C	2									

Starting Wavelength
00=1400nm
01=1401nm
02=1402nm
…
…
50=1450nm
51=1451nm
…
…
87=1487nm
88=1488nm
89=1489nm

Channel Space
10=10nm
11=11nm
12=12nm
…
…
15=15nm
16=17nm
17=17nm
…
…
38=38nm
39=39nm
40=40nm

Package
9=S10

Fiber Type
1 =SMF-28e

Pigtail
S=250um bare fiber

Fiber Length
0=0.5m
1=0.75m
2=1.0m
S=Specify

Connector
0=None
1=FC/PC
3=FC/APC

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.

COMCORE