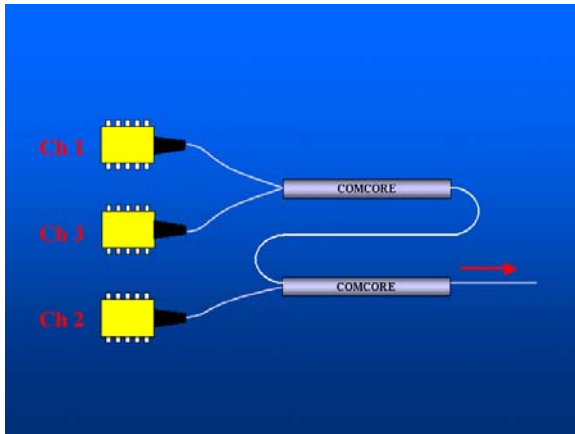


# 14xx Three-Channel Wavelength Pump Combiner



## 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

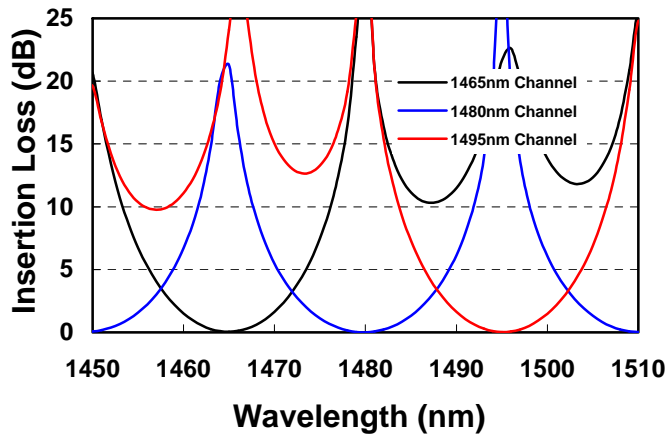
## Parameters

## Specifications

Parameters		Specifications	
Channel Space	nm	10 to 19	20 to 30
Channel Bandwidth	nm	2	3
Insertion Loss for Channel 1 and 3*	Max. dB		0.8
Insertion Loss for Channel 2	Max. dB		0.4
Polarization Dependent Loss	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

\* Channel 1 and 3 are the shortest and the longest wavelength Channels, individually.

## Typical Spectrums for 1465/1480/1495nm Combiner



## Ordering Information

W	P	C	3							
				Starting Wavelength	Channel Space	Package	Fiber Type	Pigtail	Fiber Length	Connector
				00=1400nm	10=10nm	9=S10	1=SMF-28e	S=250um	0=0.5m	0=None
				01=1401nm	11=11nm			bare fiber	1=0.75m	1=FC/PC
				02=1402nm	12=12nm				2=1.0m	3=FC/APC
				...	...				S=Specify	
				50=1450nm	15=15nm					
				51=1451nm	...					
				...	19=19nm					
				78=1478nm	20=20nm					
				79=1479nm	...					
				80=1480nm	25=25nm					
					26=26nm					
					...					
					29=29nm					
					30=30nm					

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