

TWO CHANNEL PUMP COMBINER (1480)

DCPC Series

Features

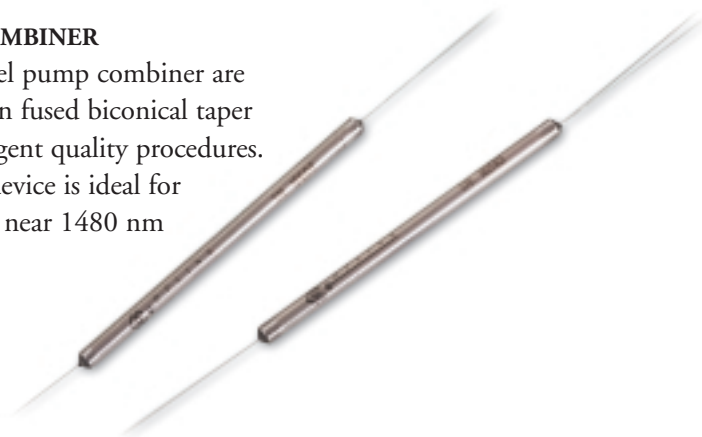
- Low Insertion Loss
- High Stability & Reliability
- Wide Operating Temperature Range

Applications

- Double Pumping

TWO-CHANNEL PUMP COMBINER

Oplink's 1480 nm two-channel pump combiner are manufactured using the proven fused biconical taper technology and Oplink's stringent quality procedures. With low insertion loss, this device is ideal for combining two pump sources near 1480 nm in optical fiber amplifiers.



Performance Specifications

DCPC Series	2 x 1	Unit
	Configuration	
Wavelength Range	1460 - 1495	nm
Channel Spacing	6.4 or specified	nm
Maximum Insertion Loss @ Central Wavelength ± 1 nm	< 0.6	dB
Polarization Dependent Loss	< 0.2	dB
Directivity	> 55	dB
Maximum Power Handling	500	mW
Return Loss	> 55	dB
Operating Temperature	-10 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension *	P1: 250 μ m SMF-28 fiber (Ø)3.0 x (L)60 P2: 900 μ m loose tube (Ø)3.0 x (L)65 P3: 3mm cable (L)96 x (W)12 x (H)6.4	mm

* The mechanical tolerance should be ± 0.2 mm on all package dimensions unless otherwise custom specified.

Ordering Information

