Two Channel Pump Combiner (1480)

DCPC Series

Features

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

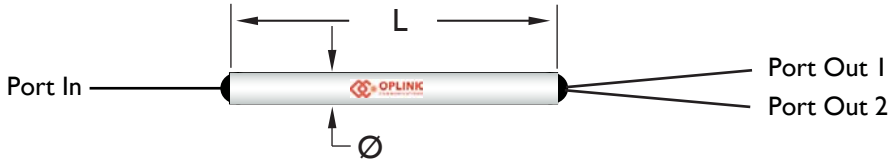
Applications

- Double Pumping

TWO-CHANNEL PUMP COMBINER

Oplink's 1480 nm two-channel pump combiner aremanufactured 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.

Oplink can provide customized designs to meet specialized feature applications. Also, Oplink offers modular assemblies that integrate other components to form a full function module or subsystem.





Performance Specifications

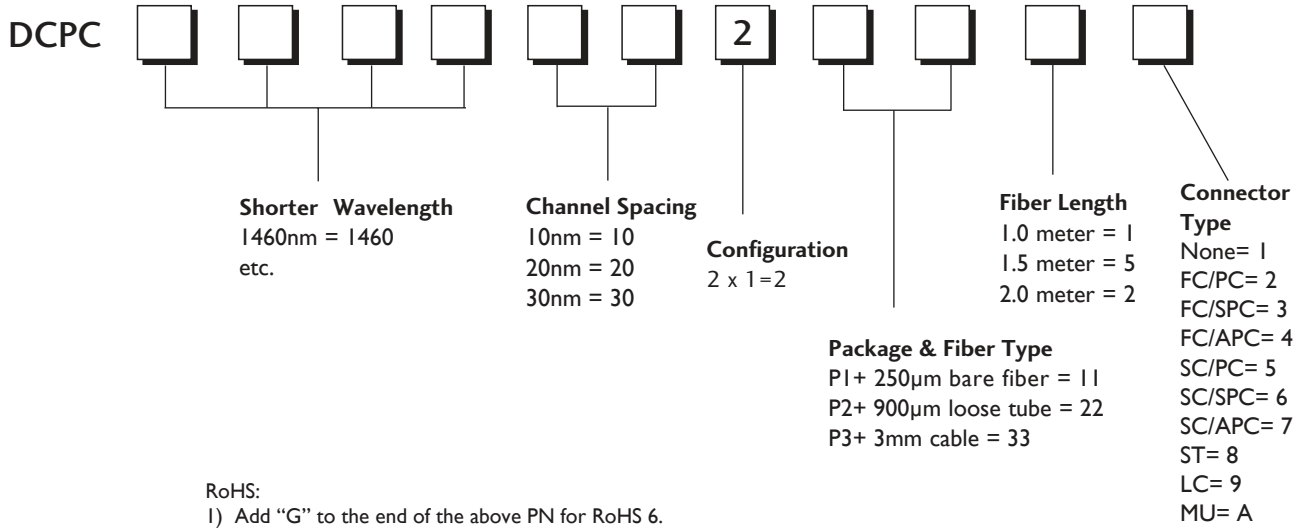
DCPC Series		2 x 1	Unit
		Configuration	
Wavelength Range		1400 - 1500	nm
Channel Spacing		10 ~ 30	nm
Maximum Insertion Loss @ Central Wavelength ±1nm		< 0.6	dB
Polarization Dependent Loss		< 0.2	dB
Directivity		> 55	dB
Maximum Power Handling		500	mW
Return Loss		> 55	dB
Operating Temperature		-10 to +70	°C
Storage Temperature		-40 to +85	°C
Package Dimension*	P1: 250 µm SMF-28 bare fiber	(ø) 4.0 x (L) 75	mm
	P2: 900 µm loose tube	(ø) 4.0 x (L) 80	
	P3: 3mm cable	(L)96 x (W) 12 x (H) 6.4	

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

OPLINK COMMUNICATIONS

Ordering Information

Oplink can provide a remarkable range of customized optical solutions. For detail, please contact Oplink's OEM design team or account manager for your requirements and ordering information (510) 933-7200.



RoHS:
1) Add "G" to the end of the above PN for RoHS 6.

46335 Landing Parkway Fremont, CA 94538-6407 Tel: (510 933-7200 Fax: (510) 933-7300 Email: Sales@Oplink.com