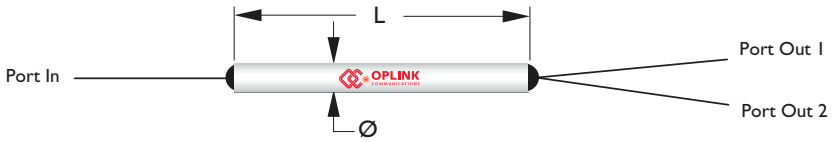
Two Channel Pump Combiner (1480)

DCPC Series

Product Description

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.

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 Specification

DCPC Series	2x1 Configuration	Unit
Wavelength Range	1400 ~ 1500	nm
Channel Spacing	10 ~ 30	nm
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 Range	- 10 to + 75	°C
Storage Temperature Range	- 40 to + 85	°C
Package Dimensions [1]	P1: 250 µm bare fiber (Ø) 4.0 x (L) 75 P2: 900 µm loose tube (Ø) 4.0 x (L) 80 P3: 3mm cable (L) 96.0 x (W) 12.0 x (H) 6.4	mm

Note:
[1] The mechanical tolerance should be +/- 0.2 mm on all package dimensions unless otherwise custom specified.

Features

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

Applications

- Double Pumping

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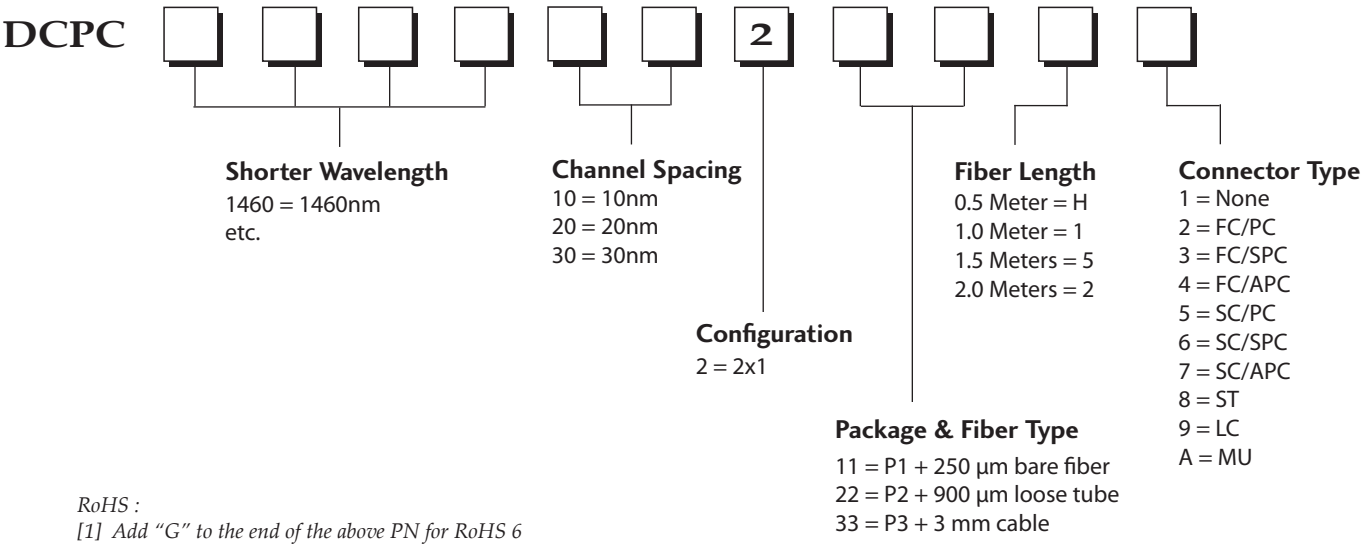
Ordering Information

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

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