

Order code

Order codes are comprised of a standard device prefix (e.g. TFB) followed by code letters or numbers which correspond to available options.

Sample: TFB-P50212B31 (2+1x1 TFB, PM 1550nm signal feedthrough, 2 pump 105/125 μm 0.22 NA fiber inputs, 1550 nm core DCF output, regular housing, 1 m pigtails).

Order code				①	②	③	④	⑤	⑥	⑦	⑧	⑨
T	F	B	-	P			2	1				
②③	Signal wave length ¹			1064 nm				1550 nm				
	Code			64				50				
④	Configuration (No. of pump inputs)			2 pump inputs								
	Code			2								
⑤	Pump input fiber			105/125 μm								
	Code			1								
⑥	Pump input fiber NA			0.15				0.22				
	Code			1				2				
⑦	DCF output fiber ²			1060 nm core. 130 μm /0.45 NA				1550 nm core. 130 μm /0.45 NA				
	Code			A				B				
⑧	Housing ^{3,4}			Regular \varnothing 3 x 65 mm max				Level 1 high power 5 mm ² x 65 mm max				
	Code			3				7				
⑨	Pigtail length ⁵			0.5 m				1 m				
	Code			0				1				

1 Signal wavelengths of 1064 nm or 1550 nm assume the use of Nufern PM-980-HP and PM-1550-HP (or equivalent) signal input fiber s respectively.


2 Typical mode field diameters are based on $\sim 7.5 \mu\text{m}$ for 1064 nm and $\sim 10.5 \mu\text{m}$ for 1550 nm. Fibers are passive.

3 Maximum housing lengths shown.

4 The 3 mm cylindrical package is recommended for pump powers up to 10 W per port. The high power housing is suitable for pump powers up to 50 W per port. Adequate heat-sinking is required for high power operation. For more information please contact the G&H sales team.

5 Minimum pigtail lengths.

Ordering Information:



800 Village Walk #316
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Ph: 203-401-8093

Email orders to: sales@xsoptix.com
Fax orders to: 800-878-7282

2+1X1 MULTI-MODE POWER COMBINER WITH PM SIGNAL FEEDTHROUGH