

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-P50611B30 (PM 6+1x1 tapered fiber bundle, 1550 nm signal feedthrough, six 105/125 μm 0.15 NA pump inputs, 1550 nm core DCF output, regular housing, 0.5 m pigtails).

Order code				①	②	③	④	⑤	⑥	⑦	⑧	⑨
T	F	B	-	P			6	1				
②③	Signal wave length ¹			1064 nm				1550 nm				
	Code			64				50				
④	Configuration (No. of pump inputs)			6 pump inputs								
	Code			6								
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			Regular \varnothing 3 x 55 mm			Level 1 high power 5 mm ² x 60 mm ³		Level 2 high power 5 mm ² x 60mm ³			
	Code			3			7		8			
⑨	Pigtail length ⁴			0.5 m			1 m		2 m			
	Code			0			1		2			

1 Signal wavelengths of 1064 nm or 1550 nm assume the use of Nufern PM-980-HP and PM-1550-HP (or equivalent) signal feedthrough fibers 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. Note: Adequate heat-sinking is required for high power operation. High power multi-mode combiner application notes (PEC 0134) on website or consult sales office.

4 Minimum pigtail lengths.

Ordering Information:



800 Village Walk #316
Guilford, CT 06437
Ph: 203-401-8093

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

MULTI-MODE POWER COMBINER WITH PM SIGNAL FEEDTHROUGH

