

## 0804 1550 nm (1+N)\*1 Combiner (HP)

HB3000



### 980/1550 (1+2)x1 Combiner, Fiber Type: Nufern PM-GDF-12/130-M

The HB3000 is a 980/1550(1+2)x1 combiner, backward pump, whose fiber type is Nufern PM-GDF-12/130-M. It offers high transfer efficiency, air-clad technology for robust power delivery, stable and reliable and custom configurations available. It can be used for high power component and fiber amplifier.

#### FEATURES

- High Transfer Efficiency
- Air-Clad Technology for Robust Power Delivery
- Stable and Reliable
- Custom Configurations Available

#### USE IN

- High Power Component
- Fiber Amplifier

Port Configuration	(1+2)x1		
Pump Wavelength	980 nm		
Signal Wavelength	1550 nm		
Signal Input Fiber	X/125	X/250	20/400
Insertion Loss@23°C	105/125 0.22 NA	105/125 0.22 NA or 200/220 0.22 NA	
Signal Output Fiber	Y/125 or Y/250	Y/250	20/400
Pump Efficiency	90% min.	93% min.	95% min.
Signal Insertion Loss	0.5 dB max.	0.45 dB max.	0.4 dB max.
Total Handling Power	50 W	100 W	200 W
Polarization Extinction Ratio	18 dB min. (PM Fiber Type)		
Return Loss	45 dB min.		
Operating Temperature	-5°C to +70°C		
Storage Temperature	-40°C to +85°C		
Package Dimension	80x14x10 mm		
Fiber Type	Nufern PM-GDF-12/130-M		