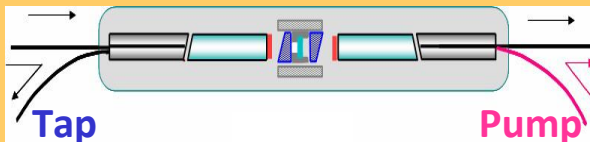


Fused Coupler and Filter-based Component Series

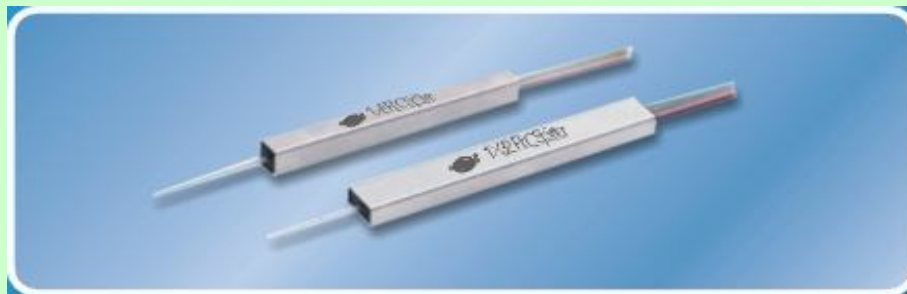
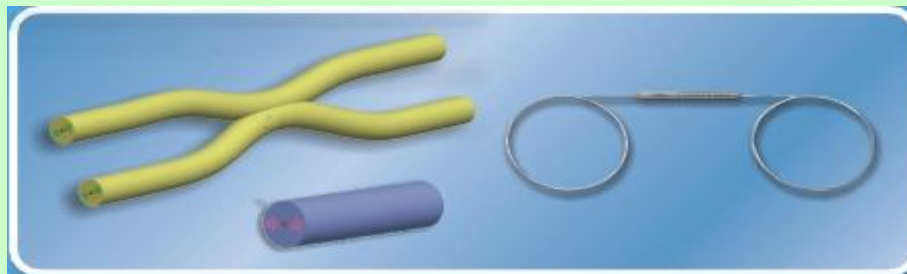
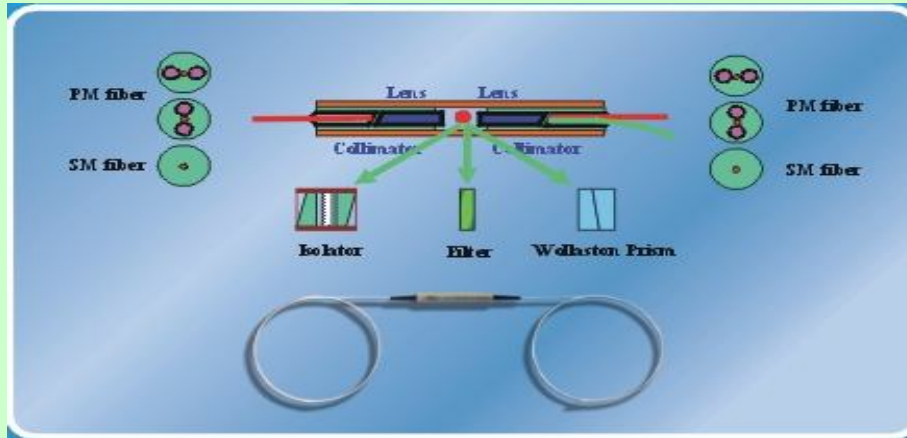


- ▶ 1310/1490/1550nm three windows coupler/module
- ▶ 532nm/630nm/850nm/980nm/1064nm couplers
- ▶ 980nm/1550nm, 1480/1550nm WDM
- ▶ 1064nm/1550nm, 980nm/1064nm WDM
- ▶ 1x2, 1x3, 1x4 couplers



- ▶ 1310/1490/1550nm Triplexer
- ▶ 1270/1290/...1530/1550/1570/1590/1610nm CWDM
- ▶ 980nm/1550nm, 1480/1550nm WDM
- ▶ 1064nm, 1550nm Band Pass Filters
- ▶ 1310nm, 1550nm Isolators

Polarization Maintaining Fiber Component Series



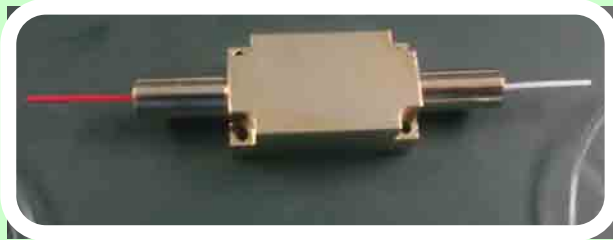
- PM Isolator
- PM Splitter
- PM Circulator
- PM Beam Combiner/Splitter
- PM Coupler
- PM PLC
- PM Mode Field Adaptor

**High power operation
up to 10W**

High Power Isolator Series



In-Line 300mW 1064nm Isolator



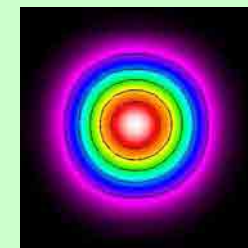
In-Line 2W 1064nm Isolator



30W 1064nm Isolator with beam expander



In-Line 10W 1550nm Isolator

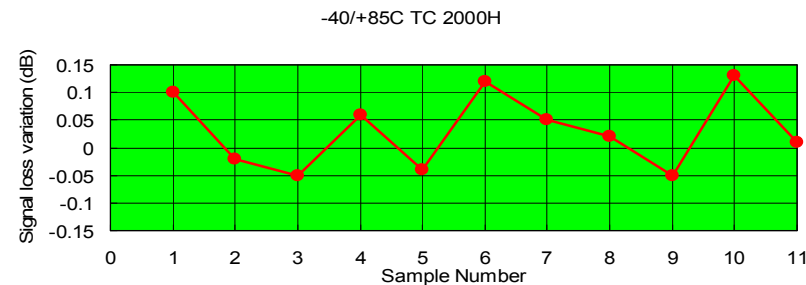
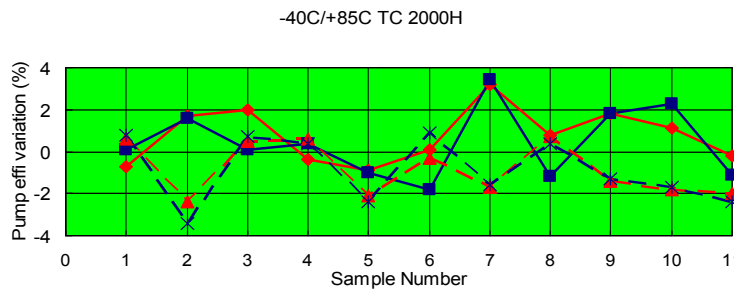
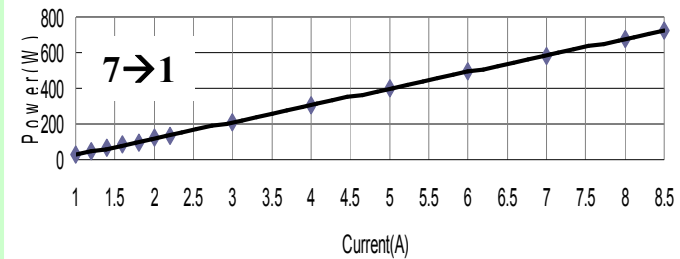
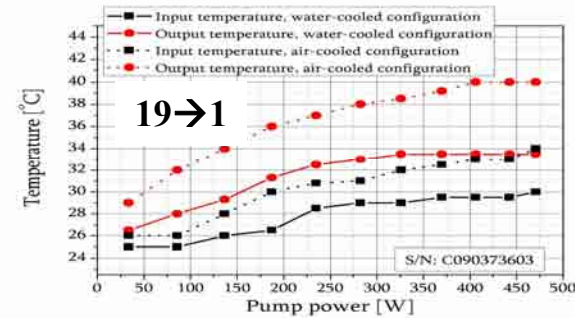
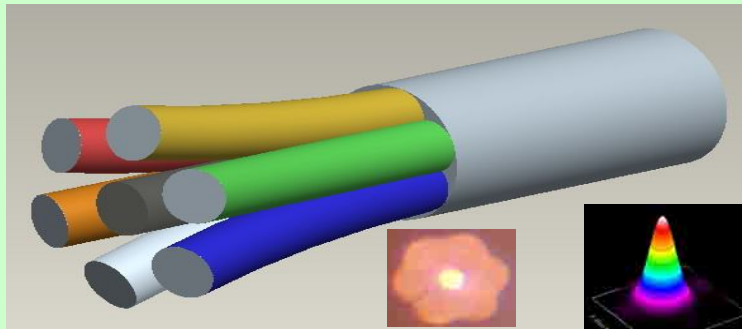


Collimator

High Power Pump Combiner Series

Pump Combiners for Fiber Lasers and High Power EDFA

Wavelength: 1064nm and 1550nm
Configuration: N → 1 and N+1 → 1
Pump fiber: 105/125 or 200/220
Signal fiber: Customized
Output fiber: Customized
Operation power: up to 1000W

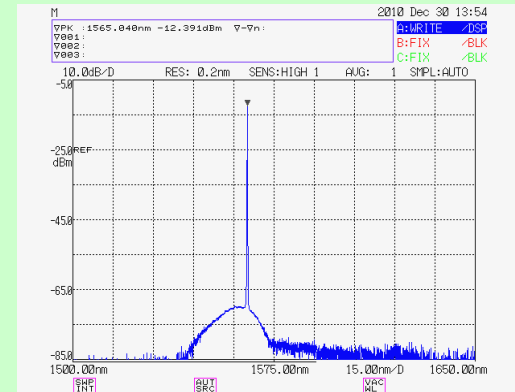


PM combiners are also available

Polarization Maintaining Fiber Amplifier Series

Wavelength: 1543nm ~ 1565nm
Output power: +27dBm
Input power: 0dBm ~ +10dBm
Polarization axis: Slow axis
PER: >17dB
Noise figure: <6.0dB
Control mode: APC/ACC
Fiber: Panda fiber

Wavelength: 1543nm ~ 1565nm
Output power: +33dBm
Input power: -10dBm ~ +10dBm
Polarization axis: Slow axis
PER: >17dB
Noise figure: <6.0dB
Control mode: APC/AGC/ACC
Fiber: Panda fiber



90x70x12mm



19-in 1U rack

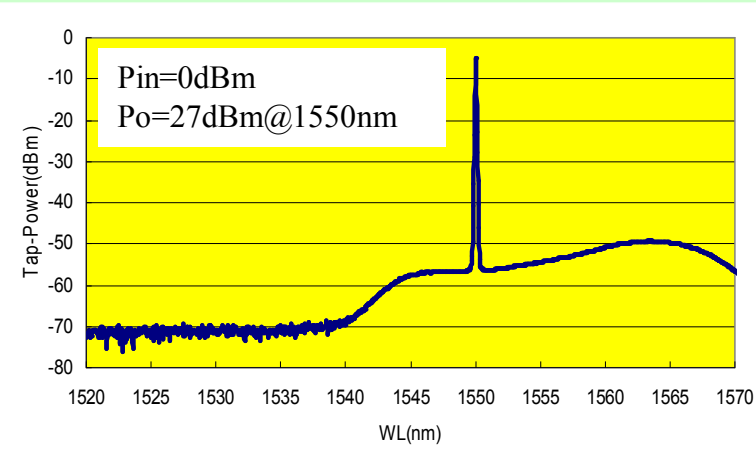
High polarization extinction ratio
Low noise figure
RS-232 or Ethernet interfaces
Highly reliable laser diode pumps
High stability and reliability
Multi-mode pump and PM fiber technology

High Power Fiber Amplifier Series

Wavelength: 1530nm ~ 1565nm
Output power: +15dBm
Input power: -3dBm ~ +10dBm
Noise figure: <6.0dB
Control mode: APC/AGC/ACC
Fiber: SMF-28e

Wavelength: 1543nm ~ 1565nm
Output power: +27dBm
Input power: 0dBm ~ +10dBm
Noise figure: <6.0dB
Control mode: APC/ACC
Fiber: SMF-28e matched

Wavelength: 1543nm ~ 1565nm
Output power: +37dBm
Input power: 0dBm ~ +10dBm
Noise figure: <8.0dB
Control mode: APC/AGC/ACC
Fiber: SMF-28e matched



70x50x12mm



90x70x12mm



19-in 2U rack

High power
Low noise figure
RS-232 or Ethernet interfaces
Highly reliable laser diode pumps
High stability and reliability
Multi-mode pump technology