

790/2000 nm WDM Coupler

790/2000nm WDM coupler is used to combine 2um and 793nm (or other wavelength) together. People use 793nm pump laser to pump Tm or Ho doped fiber to get 2um (or longer wavelength) output. SM, MM, PM and Double Cladding fiber version are available. This product can also be used to combine two different wavelength light source into one single fiber or in reverse matter. Please contact us if you need different wavelength combination configurations.

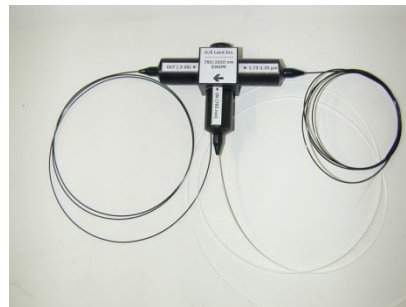


Fig. 1. 793/2000nm WDM Coupler

Technical Specifications:

| General Data | | |
|---|------|---------------------------------|
| Name | Unit | Value |
| Configuration type | | 1x2 WDM 793nm/2000nm |
| Transmission wavelengths (port 1 to port 3) | μm | 1.8 - 3.30 |
| Reflection wavelengths (port 2 to port 1) | nm | 700 - 900 |
| Cut-off wavelength | μm | 1.65 |
| Fiber type at 793nm port | | SM, PM, MM |
| Fiber type at 2000nm port | | SM, PM |
| Fiber type at common port | | SM, PM, Passive Double Cladding |
| Connector type | | FC/PC, FC/APC |
| Package size (LxHxW) | mm | 25 x 25 x 25* |
| Operating power | mW | 500 (3000 high power version) |
| Operating temperature | °C | -20 to +60 |
| Storage temperature | °C | -40 to +85 |

* Only the coupler body.