

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.