

Optical WDM

Plank 4-8-16 Channel Coarse Wavelength Division De/Multiplexer

Plank Optoelectronics Inc. is a professional developer and manufacturer of fiber optical communication components that deploy high-capacity broadband communications networking with advances in Fiber and Micro Optics technologies.

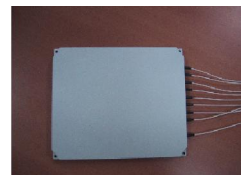
Features

- Different TFF applied
- Low insertion loss
- High isolation
- Epoxy free
- Environmentally stable and reliable
- Small size package



Applications

- CATV fiberoptic link
- WDM application
- Optical Switches
- Fiber amplifier system



Specifications

Parameters		4CH	8CH	16CH
Function		Mux & Demux		
Operating Wavelength (nm)		1480-1620		
Center Wavelength (nm)		1270(1271),1290(1291),.....1610(1611)		
Center Wavelength Accuracy (nm)		≤±1.0		
Channel Spacing (nm)		20		
Passband Bandwidth(@0.5dB) (nm)		15		
Insertion Loss (dB)	Without Connector	1.4	2.6	5.0
	Adjacent	30		
Isolation (dB)	Non adjacent	40		
	Ripple (dB)	0.5		
Polarization Dependent Loss (dB)		0.15	0.15	0.20
Directivity (dB)		55		
Storage temp.(°C)		-40 ~ + 85		
Operation temp. (Ambient) (°C)		-10 ~ + 70		
Optical Power (mW)		300		
Tensile Load (N)		5		
**The spec. is without connector's loss				

Custom-design Services :Plank is capable of producing high quality fiber optical products, any of your special requirements for various connector combination is welcome to contact with our Sales Department by email sales@plank.com.tw

Private Label Services : Plank also provides private label services for clients, for further details, please contact with our Sales Department by email sales@plank.com.tw