

Optical WDM

Plank 4 & 8 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

	Symbol	Value		
		Min.	Typ.	Max.
Function	--	Mux & Demux		
Operating Wavelength (nm)	λ	1480-1620		
Center Wavelength (nm)	λ_c	1470/1490/1510/1530/1550/1570/1590/1610		
Center Wavelength Accuracy (nm)	$\Delta\lambda_c$	± 1.0		
Channel Spacing (nm)	--	20		
Passband Bandwidth(@0.5dB) (nm)	PBW	15		
Insertion Loss (dB)	Without Connector			3.7 (Pair)
	With Connector			4.5 (Pair)
Isolation (dB)	Adjacent	Isadj	35	
	Non adjacent	Isondj	40	
Ripple (dB)	R			0.5
Uniformity (dB)	U			1.5 (Pair)
Polarization Dependent Loss (dB)	PDL			0.15
Directivity (dB)	D	55		
Storage temp.(°C)	Tstg	-40 ~ + 85		
Operation temp. (Ambient) (°C)	Top	-20 ~ + 70		
Optical Power (mW)	P	300		
Tensile Load (N)	Ft	5		

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 plank@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 plank@plank.com.tw