

Optical Coupler

Plank Single-mode Dual-window Coupler Star and Tree ; Wide Band (+/-40nm)

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 Optics technologies.

Features

- Low Insertion loss
- Excellent uniformity
- Wide variety of configurations
- Environmentally stable and reliable

Applications

- Telecommunications
- CATV
- Subscriber loop
- Fiber to the home
- Test equipment



Specifications

Single mode, Star and tree Wideband +/-40nm

Parameter	1x4	4x4	1x8	8x8	1x16	16x16	1x32
Operating Wavelength(nm)	1310 & 1550 (±40)						
Coupling ratio (%)	Average						
Max. Insertion loss (dB)	7.2	7.4	10.7	10.9	14.5	14.7	17.5
Uniformity (dB)	≤1.0	≤1.2	≤1.6	≤1.8	≤2.4	≤2.6	≤2.8
Directivity (dB)	>55						
Operation temp.(°C)	-40 to +70*						
Storage temp.(°C)	-50 to +85						
Temp. Coefficient (dB/°C)	<0.003		<0.004		<0.006		
Dimensions (mm)	ABS box	100(L)x80(W)x10(H)		140(L)x90(W)x10.7(H)			
	Metal box	LGX Module 19" 1U Rack		LGX Module 19" 1U Rack		LGX Module 19" 1U Rack 19" 2U Rack	
* Bare fiber: -40 to +70, other package: 0 to +70							
** The specifications listed above do not include the effect of connector loss.							
** Connector Type: SC,FC,ST,SC/APC,FC/APC,LC,MU are available.							
** Specification values for devices with unbalanced split ratios are available upon request.							

Custom-design Services : Plank is capable of producing high quality fiber optical Coupler, any of your special requirements for various connector combinationis 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