

Optical Coupler

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

Parameter		1x4	4x4	1x8	8x8	1x16	16x16	1x32
Operating Wavelength(nm)		1310 or1550 (±40)						
Coupling ratio (%)		Average						
Max. Excess loss (dB)		7.0	7.2	10.5	10.7	14.3	14.5	17.3
Uniformity (dB)		≤0.8	≤1.0	≤1.2	≤1.4	≤2.4	≤2.6	≤2.6
Directivity (dB)		>55						
Operation temp.(°C)		-40 to +70						
Storage temp.(°C)		-40 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 Box		LGX Module 19" 1U Box		LGX Module 19" 1U Box 19" 2U Box		
** 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 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