

Optical Coupler

Plank Multi-mode 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

- Test equipment
- Local Area Networks(LAN)
- Optical fiber sensors
- Video Networks



Specifications

Multi mode, Star and tree Coupler

Parameter	1x4	4x4	1x8	8x8	1x16	16x16	1x32
Operating Wavelength(nm)	850 & 1310						
Coupling ratio (%)	Average						
Max. Excess loss (dB)	7.7	8.4	11.5	12.5	15.5	17.0	18.0
Uniformity (dB)	≤ 1.2	≤ 1.4	≤ 1.8	≤ 2.0	≤ 2.4	≤ 2.6	≤ 2.6
Directivity (dB)	>35						
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(H)			
	Metal box	LGX Module 19" 1U Rack		LGX Module 19" 1U Rack		LGX Module 19" 1U Rack 19" 2U Rack	
** The specifications listed above do not include the effect of connector loss. ** Connector Type: SC, FC, ST, 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 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