

# Optical Coupler

## Plank Monolithic Single-mode Coupler 1x3 and 1x4 ; Triple Windows (1310/1490/1550)

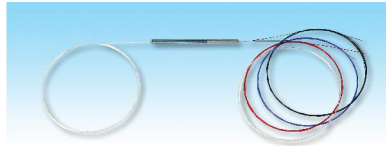
Plank Optoelectronics Inc. is a professional developer and manufacturer of fused fiber optical components that deploy high-capacity broadband communications networking with advances in all optical Fiber fused technologies.

### Features

- Low Insertion Loss
- Ultra Low Uniformity
- Compact Package Size
- Flexible application
- Highly Stable & Reliable

### Applications

- Telecommunications
- CATV
- Subscriber loop
- Local Area Networks(LAN)



### Specifications

#### 1x3, 1x4, Single mode, Triple windows

Parameter	1x3 Premium	1x3 A Grade	1x4 Premium	1x4 A Grade
Operating Wavelength(nm)	1310,1490 and 1550			
Coupling Ratio (%)	Average			
Insertion loss (dB)	≤ 5.6	≤ 6.0	≤ 7.2	≤ 7.5
Uniformity (dB)	≤ 1.0	≤ 1.2	≤ 1.5	≤ 1.8
Directivity (dB)	>50			
Operating Temp.(°C)	-40 to +70			
Storage	-40 to +85			
Fiber type	250um bare fiber			
Dimensions (mm)	3.0 x 55		3.0 x 55	
** The specifications listed above do not include the effect of connector loss.				

**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](mailto: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](mailto:sales@plank.com.tw)