

1xN SM Coupler 19

TUOLIMA

Description

1xN SM coupler 19 is a double window(1310/1550nm) and broadband ($\pm 40\text{nm}$) coupler.

- ◆ Low insertion loss, low PDL.
- ◆ High directivity, high return loss.
- ◆ All-optical structure.
- ◆ 19 inch 1U framework.



Performance

Item	Unit	Specification					
Center Wavelength	nm	1310 & 1550					
Bandwidth	nm	± 40					
Tree Structure		1x4	1x8	1x12	1x16	1x20	1x24
Insertion Loss	dB	7.2	10.8	13.3	14.5	15.8	16.8
Uniformity	dB	1.5	2.0	2.3	2.5	2.8	2.8
Directivity	dB	> 55					
Operation Temperature	$^{\circ}\text{C}$	$-20 \sim +75$					
Storage Temperature	$^{\circ}\text{C}$	$-40 \sim +85$					

General

- ◆ Connectors : FC/APC or SC/APC, others for client specify
- ◆ Operating Temperature : $-40 \sim +75^{\circ}\text{C}$
- ◆ Storage Temperature : $-40 \sim +85^{\circ}\text{C}$
- ◆ Dimension: 1U, other dimension for client specify.

Application

- ◆ FTTH, LAN, PON & Optical CATV
- ◆ Local ring net
- ◆ Optical fiber communication system
- ◆ Optical fiber test equipment
- ◆ Optical fiber sensor