

# 1x2 Optical Coupler

## Description:

1x2 optical coupler

SM, single window 1310 or 1550 + / -20nm

Standard-NC (tube)

Tree structure

Stainless steel tube

1x2 optical coupler, SM, single window, standard-NC (tube), 9/125um, tree structure, 1310 or 1550 ± 20nm, stainless steel sleeve (Φ3\*54mm), Φ0.25mm bare fiber, 1m, SC/PC connector.

## Features:

High directivity, high return loss.

All-optical structure.

Stainless steel sleeve.

## Applications:

FTTH, LAN, PON & Optical CATV

Local ring net

Optical fiber communication system

Optical fiber test equipment

Optical fiber sensor



## Specifications:

Item	Unit	Specification		
		Standard	Wavelength Flattened	Broadband
Center Wavelength	nm	1310 or 1550	1310 or 1550	1310 or 1550
Bandwidth	nm	±20	±40	±40
Coupling Ratio	%		1 ~ 50	
Typical Insertion Loss	dB		≤3.2	
Typical Excess Loss	dB	≤0.15	≤0.2	≤0.2
PDL	dB	≤0.1	≤0.15	≤0.15
Directivity	dB		≥60	
Temperature Stability	dB		≤0.002	
Storage Temperature	°C		-40~+70	
Storage Temperature	°C		-40~+85	