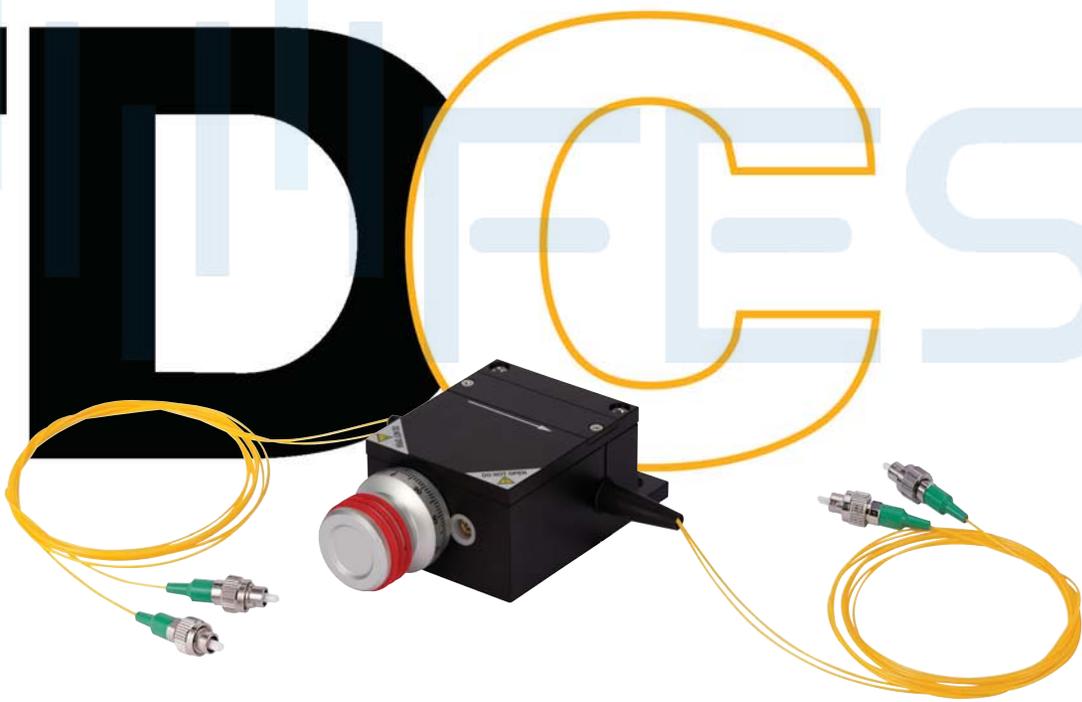


# Tunable Directional Coupler

## TC1410 Series

TC1410 series is an all fiber, polished directional coupler with variable coupling ratio. This device can be used to divide or combine optical

signals in fiber optics research. With its low loss and precision mechanism, TC1410 series give you smooth and easy control of coupling ratio.



### Features

- All fiber configuration
- Low excess loss
- Smooth & easy control of coupling ratio

### Applications

- Fiber optic interferometers
- Fiber sensor
- Fiber laser

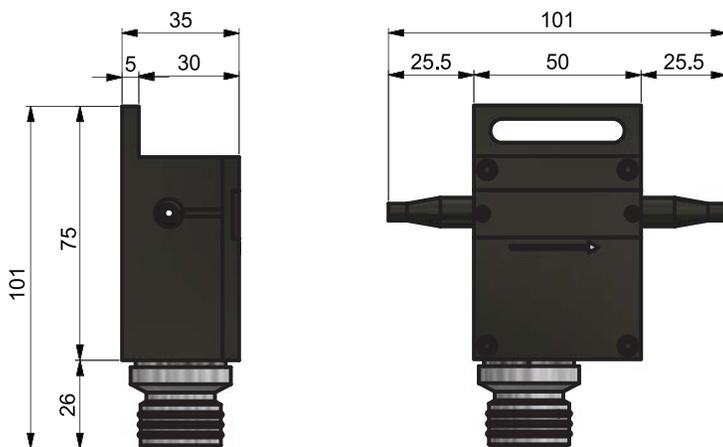
**F.E.S. Co., Ltd.**

1000/24, P.B. Tower, 8 floor, Sukhumvit 71 Rd., North Klongtan, Wattana, Bangkok 10110  
 TEL: 02-064-4050 or 02-064-4051 | FAX: 02-010-4262 | Email: info@fesupply.com  
 www.fesupply.com





## Dimensions



## Specifications

Common Type	
Fiber	Fiber types can be specified by the customer
Wavelengths	633 nm, 830 nm, 1064 nm, 1300 nm, 1550 nm
Insertion Loss	< 0.1 dB (without connectors)
Tuning Range of Coupling	0% ~ 100%
Dimensions (W x D x H)	50mm x 101mm x 35mm
PM Fiber Coupler	
Polarization Extinction Ratio	> 15 dB

The specifications and technical information contained herein are subject to change without notice and are furnished without charge or obligation. They are given and accepted at recipients sole risks.

## Ordering Code

### TC1410-(1)-(2)-(3)

1. Wavelength → 630 nm (063), 830 nm (083), 1060 nm (106), 1300 nm (130), 1550 nm (155)
2. Fiber type → P : PM, NP : Non-PM
3. Connector type → No Connector (X), FC/PC(F/P), FC/APC(F/A)

*Example : TC1410-155-P-X*

→ 1550 nm PM fiber Tunable Directional Coupler with no connectors