

# Tunable Directional Coupler

## TC1410

TC1400 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, TC1400 series give you smooth and easy control of coupling ratio.

# TDC



### Features

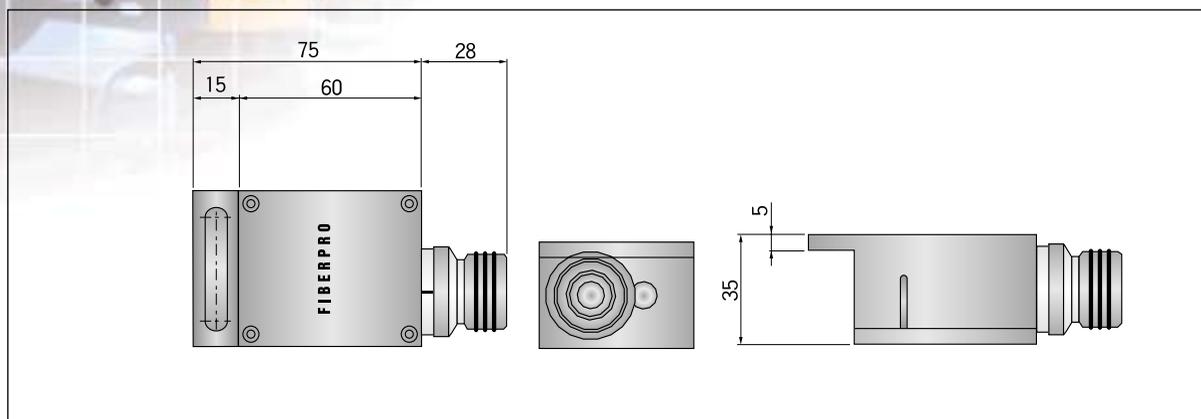
- All fiber configuration
- Low excess loss
- Smooth & Easy control of coupling ratio

### Applications

- Fiber Optic Interferometers
- Fiber Sensor
- Fiber Laser

Tunable  
Directional Coupler

## Dimensions



## Specification

Common type	
Fiber	Fiber types can be specified by the customer
Wavelengths	633nm, 830nm, 1064nm, 1300nm, 1550nm
Insertion loss	< 0,1 dB (without connectors)
Tuning range of coupling	0% ~ 100%
PM fiber coupler	
Polarization extinction ratio	> 20 dB

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

## Ordering Code

### TC1410 - (1) - (2) - (3) - (4)

1. Wavelength → 630nm (063), 830nm (083), 1060nm (106), 1300nm, (130), 1550nm, (155)
2. Fiber type → P : PM, NP : Non-PM
3. (PM only) Extinction ratio → A > 20 dB, B > 15 dB, P > 25 dB
4. Connector type → No Connector (x), FC/SPC (F/P), FC/APC (F/A)