# **KS** Computer Controlled Photonics Variable Ratio Coupler

# Compact polished directional coupler with tunable coupling ratio

#### **Features**

- Negligible loss
- Available with various fiber types including SMF and PMF
- Tunable coupling ratio (0-100 %)
- Controlled by linear actuator
- Actuator included

#### **Applications**

- Optical system testing
- Interferometry
- General laboratory experiments
- Optics education kits



Any design or specification can be changed without prior notice.

KS photonics Inc. E-mail: <u>info@ksphotonics.com</u>

# KS Computer Controlled Photonics Variable Ratio Coupler

### **Specifications**

Insertion loss (dB)

Tuning range of coupling (%)

**Operation wavelength (nm)** 

Polarization Extinction Ratio (dB)

Adaptable linear actuator

## **Ordering Code**

Actuator AC CTDC-AC: Actuator only Fiber types **Connector** types P: PMF **Operation wavelength** N: None-PMF NO: none FA: FC/APC 063: 633 nm FP: FC/PC **Pigtail buffer** 083: 830 nm FU: FC/UPC 098: 980 nm SP: SC/PC 1: 900  $\mu$ m loose tube 106: 1060 nm 155: 1550 nm 2: 2.4 mm cable

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< 0.1 (bare type)

> 20 (PM only)

0 - 100

length

< 0.5 (adapter type)

Can be specified by customer

(633, 830, 980, 1064, 1550)

<sup>1</sup>/<sub>4</sub>"-80 thread, 6 mm travel