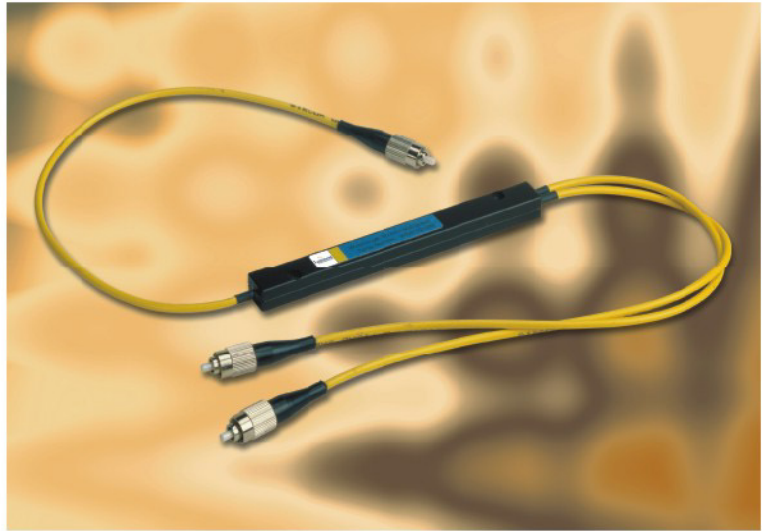


# STANDARD SINGLEMODE COUPLER **C-NS**

## Features

- ◆ Low insertion loss
- ◆ High port isolation
- ◆ High directivity
- ◆ Custom-defined specifications
- ◆ Environmentally stable



ITEM		Standard Singlemode Coupler	
Operating Wavelength, nm		1310 or 1550	
Grade		Super (S)	High (H)
Typical Excess Loss, dB		0.06	0.15
Uniformity, dB (50:50)		0.5	0.9
Thermal Stability, dB (peak-peak)		<0.2	<0.3
Polarization Stability, dB		<0.1	<0.15
Port Configuration		1 x 2 or 2 x 2	
Coupling Ratio		1:99 to 50:50, (50:50 standard)	
Insertion Loss, dB		Please refer to the coupling ratio vs. Insertion loss chart	
Directivity, dB		>50 (1 x 2), >60 (2 x 2)	
Reflectance, dB		<-55	
Operating Temperature, °C		-40 ~ +85 <sup>(*)</sup>	
Storage Temperature, °C		-55 ~ +85	
Package Options (for different pigtailing)	1. coated fiber (250µm)	T2, MA, MB	
	2. loose tube (900µm)	TB, MA, MB	
	3. PVC cable (3.0mm)	A1, MA, MB	

Note: 1. The packaging option codes are explained in Packaging Dimensions below.  
2. \*:-20°C ~ +70°C for PVC cable.

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■ **Fiber Type**  
A.....Corning SMF-28™ X.....Others, please specify B.....Dispersion-shifted fiber

■ **Package Option (for both ends)**  
C.....T2 with coated fiber Q.....A1 with PVC 3.0mm cable  
D.....MA/MB with coated fiber R.....MA/MB with PVC 3.0mm cable  
L.....TB with loose tube cable S.....MA/MB with adaptors  
M.....MA/MB with loose tube cable X.....Others, please specify

■ **Coupling Ratio**  
00 ~ 50.....Please specify

■ **Grade**  
S.....Super H.....High

■ **Port Configuration**  
12.....1 x 2 22.....2 x 2

■ **Pigtail Length (for each ends)**  
10.....1 meter 20.....2 meter 05.....0.5 meter 15.....1.5 meter 00.....Modulized XX.....Others, please specify

■ **Wavelength**  
13.....1310nm 15.....1550nm XX.....Others, please specify

■ **Connector Type (for both ends)**  
FC.....FC type ST.....ST type AS.....SC/APC type NC.....None  
SC.....SC type AP.....FC/APC type D4.....D4 type XX.....Others, please specify