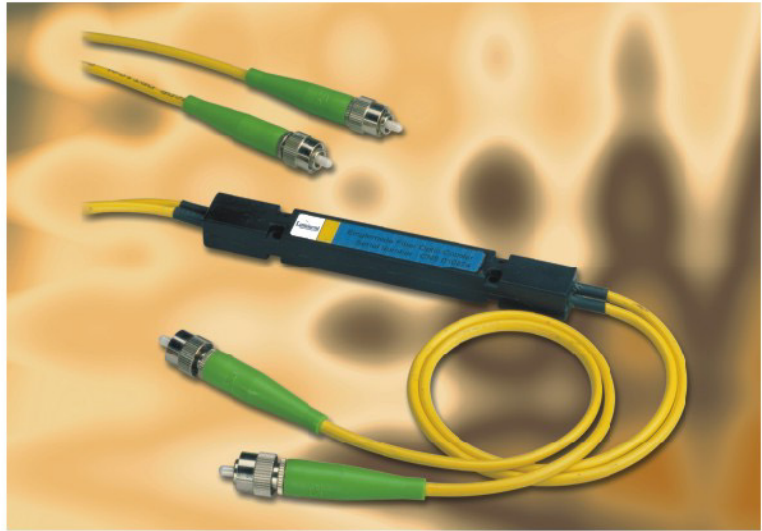


SINGLEMODE WIDEBAND COUPLER **C-WS**

Features

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



ITEM		Singlemode Wideband Coupler	
Operating Wavelength, nm		1310±40 or 1550±40	
Grade		Super (S)	High (H)
Typical Excess Loss, dB		0.1	0.2
Uniformity, dB (50:50)		0.6	1.0
Thermal Stability, dB (peak-peak)		<0.2	<0.3
Polarization Stability, dB		<0.10	<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 ^(*)	
Storage Temperature, °C		-55 ~ +85	
Package Options (for different pigtailed)	1. coated fiber (250μm)	T5, MA, MB	
	2. loose tube (900μm)	TA, 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.

C-WS-A - - - - - - - /

■ **Package Option**

C.....T5 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.....TA 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 port)**

10.....1 meter	05.....0.5 meter	00.....Modulized
20.....2 meter	15.....1.5 meter	XX.....Others, please specify

■ **Wavelength**

13.....1310nm 15.....1550nm

■ **Connector Type (for both ends)**

FC.....FC type	ST.....ST type	AS.....SC/APC type
SC.....SC type	AP.....FC/APC type	NC.....None
XX.....Others, please specify		

Luminent Luminent Inc.
Bringing Communications to Light™ Passive Components Division

No.18, Prosperity Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan R.O.C.
Tel: 886-3-5770099 Fax: 886-3-5799766 www.FOCL.com.tw
E-mail: sales@mailsrv.focl.com.tw