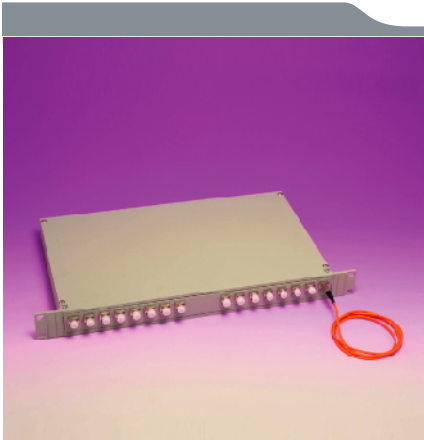


## C-SD



### Features

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

### Applications

- Telecommunications
- Local area network
- Fiber to the home
- Video transmission
- Fiber optic sensing
- Testing instruments

### Performance Specifications

Item	Dual Window Star Coupler							
	4 X 4		8 X 8		16 X 16		32 X 32	
Port Configuration	4 X 4		8 X 8		16 X 16		32 X 32	
Operating Wavelength, nm	1310 ± 40 and 1550 ± 40							
Grade	H	A	H	A	H	A	H	A
Maximum Insertion Loss, dB (over temperature range -40 to +75°C, at specified wavelength)	7.2	7.6	10.8	11.7	14.5	15.5	18.5	20
Uniformity, dB (over temperature range -40 to +75°C, at specified wavelength)	1	1.4	2.1	3.2	2.7	4	3	6
Operating Temperature, °C	-40 to +85(*)							
Storage Temperature, °C	-55 to +85							
Package Options	1. coated fiber (250µm)		A3, MA, MB		MB, M1, M2		M1, M2	
(for different pigtailed)	2. loose tube (900µm)		A3, MA, MB		MB, M1, M2		M1, M2	
	3. PVC cable (3.0mm)		A3, MB		MB, M1, M2		M1, M2	

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

## C-SD

C - SD -A X-XX-X-XXXX-35-XX/XX

### ORDERING INFORMATION

**Package Option** \_\_\_\_\_

- C ..... A3 with coated fiber
- D ..... MA/MB/M1/M2 with coated fiber
- L ..... A3 with loose tube cable
- M ..... MA/MB/M1/M2 with loose tube cable
- Q ..... A3 with PVC 3.0mm cable
- R ..... MA/MB/M1/M2 with PVC 3.0mm cable
- S ..... MB/M1/M2 with adaptors
- X ..... Others, please specify

**Input Port No.** \_\_\_\_\_

Please specify desired port number in two digits.

**Grade**

- H ..... High
- A ..... Average

**Output Port No.** \_\_\_\_\_

Please specify desired port number in two digits.

**Pigtail Length (for each port)** \_\_\_\_\_

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

**Connector Type** (for both ends) \_\_\_\_\_

- FC ..... FC type
- SC ..... SC type
- ST ..... ST type
- NC ..... None
- AP ..... FC/APC type
- AS ..... SC/APC type
- D4 ..... D4 type
- XX ..... Others, please specify

### Legal Notice

**IMPORTANT NOTICE!**

All information contained in this document is subject to change without notice, at Luminent's sole and absolute discretion. Luminent warrants performance of its products to current specifications only in accordance with the company's standard one-year warranty; however, specifications designated as "preliminary" are given to describe components only, and Luminent expressly disclaims any and all warranties for said products, including express, implied, and statutory warranties, warranties of merchantability, fitness for a particular purpose, and non-infringement of proprietary rights. Please refer to the company's Terms and Conditions of Sale for further warranty information.

Luminent assumes no liability for applications assistance, customer product design, software performance, or infringement of patents, services, or intellectual property described herein. No license, either express or implied, is granted under any patent right, copyright, or intellectual property right, and Luminent makes no representations or warranties that the product(s) described herein are free from patent, copyright, or intellectual property rights. Products described in this document are NOT intended for use in implantation or other life support applications where malfunction may result in injury or death to persons. Luminent customers using or selling products for use in such applications do so at their own risk and agree to fully defend and indemnify Luminent for any damages resulting from such use or sale.

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROVIDED ON AN "AS IS" BASIS. Customer agrees that Luminent is not liable for any actual, consequential, exemplary, or other damages arising directly or indirectly from any use of the information contained in this document. Customer must contact Luminent to obtain the latest version of this publication to verify, before placing any order, that the information contained herein is current.

© Luminent, Inc. 2002  
All rights reserved