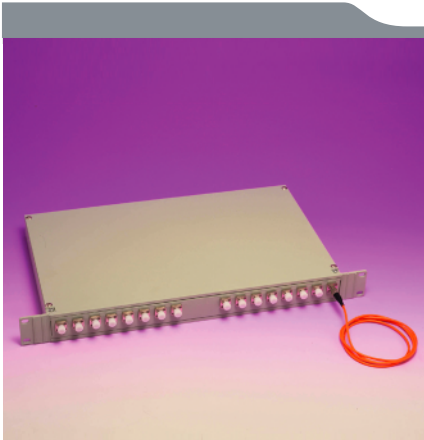


C-SS



Features

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

Applications

- Telecommunications
- Local area network
- Fiber to the home
- Local loop distribution
- Video transmission
- Fiber optic sensings
- Testing instruments & CATV

Performance Specifications

| Item | Singlemode 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 ± 10 or 1550 ± 10 | | | | | | | | |
| Grade | H | A | H | A | H | A | H | A | |
| Insertion Loss, dB | 6.9 | 7.6 | 10.5 | 11.5 | 13.7 | 15 | 17.3 | 18.2 | |
| Uniformity, dB | 1 | 2 | 1.5 | 3 | 2 | 4 | 2.5 | 5 | |
| Operating Temperature, °C | -40 to +85(*) | | | | | | | | |
| Storage Temperature, °C | -55 to +85 | | | | | | | | |
| Package Options | 1. coated fiber (250µm) | | A3, MA, MB | | MB, M1 | | M1, M2 | | M2 |
| (for different pigtailed) | 2. loose tube (900µm) | | A3, MA, MB | | MB, M1 | | M1, M2 | | M2 |
| | 3. PVC cable (3.0mm) | | A3, MA, MB | | MB, M1 | | M1, M2 | | M2 |

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

C-SS

C - SS -XX-XX-X-XXXX-XX-XX/XX

ORDERING INFORMATION

Fiber Type

- A Corning SMF-28™
- B Dispersion-shift fiber
- X Others, please specify

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 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 05 0.5 meter
- 20 2 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 AP FC/APC type
- SC SC type AS SC/APC type
- ST ST type D4 D4 type
- NC None 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