SC SX Metal Adapter Fiber Optic Adapter/Coupler

Zion Code and Description

Zion Code	Zion Description
7235096	SC SX Metal Adapter Fiber Optic Adapter/Coupler

Applications

• By linking two connectors precisely, fiber optic adapters allow the light sources to be transmitted at most and lower the loss as much as possible. At the same time, fiber optic adapters have the merits of low insertion loss, good interchangeability and reproducibility. And each fiber optic Adapter is functionally tested before shipping.

Description

• The fiber optic adapter is to implement the same or different fiber optic active connectors in the fiber line. It makes the optical path unblocked with little loss. It precisely connects the two end faces of the fiber to emit the light energy output by the fiber. It can be coupled to the receiving fiber to the greatest extent and minimize the impact on the system due to its intervention in the optical link.It belongs to the field of optical passive components and can be used in telecommunications networks, cable television networks, user loop systems, and local area networks.The adapters supplied by Hangzhou Zion Communication Co., Ltd. have high flame retardancy, low insertion loss, high durability, and wide operating temperature. It is your best choice.

• Fiber optic adapter, also called coupler, is a small device designed to terminate or link the fiber optic cables or fiber optic connectors between two fiber optic lines.

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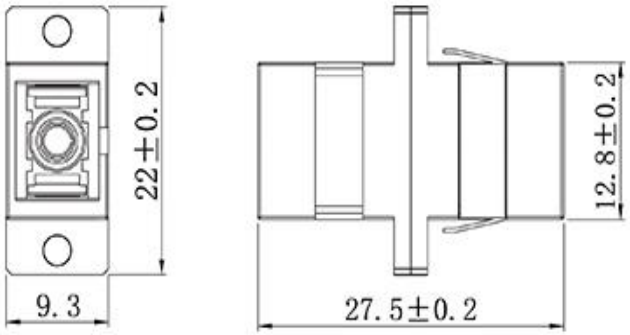

Characteristics:

Parameter	FC, SC, LC, ST, MU, MTRJ, ST-SC, FC-SC, ST-FC			
	SM			MM
Operating Wavelength(nm)	1310-1550			850-1300
Insertion Loss (dB)	≤ 0.2			
Return Loss (dB)	PC ≥45	UPC ≥50	APC ≥60	PC ≥30
Repeatability (dB)	≤ 0.2			
Alternating loss (dB)	≤ 0.2			
Durability	The change of 500 interpolation times is less than 0.20dB			
Number of channels	Single core, Dual core, 4 core			
Frame material	Metal or Plastic			
Sleeve material	Ceramic or Metal			
Operating Temperature (℃)	-40 ~ +85			
Storage Temperature (℃)	-40 ~ +85			

Zion Communication's Hot LC-LC Fiber Optical Adapter

Zion Code	Zion Description
7235071	SC APC DX Adapter With Flange Fiber Optic Adapter/Coupler
7235072	SC APC SX Adapter With Flange Fiber Optic Adapter/Coupler
7235073	SC APC SX Adapter Without Flange Fiber Optic Adapter/Coupler
7235074	SC APC SX Welding Adapter With Flange Fiber Optic Adapter/Coupler
7235075	SC APC SX Welding Adapter Without Flange Fiber Optic Adapter/Coupler
7235076	SC APC With Legs Fiber Optic Adapter/Coupler
7235077	SC MM DX Adapter With Flange Fiber Optic Adapter/Coupler
7235078	SC MM SX Adapter With Flange Fiber Optic Adapter/Coupler
7235079	SC MM SX Adapter Without Flange Fiber Optic Adapter/Coupler
7235080	SC MM SX Welding Adapter With Flange Fiber Optic Adapter/Coupler
7235081	SC MM SX Welding Adapter Without Flange Fiber Optic Adapter/Coupler
7235082	SC MM With Legs Fiber Optic Adapter/Coupler
7235083	SC OM3 DX Adapter With Flange Fiber Optic Adapter/Coupler
7235084	SC OM3 DX Adapter Without Flange Fiber Optic Adapter/Coupler
7235085	SC OM3 SX Adapter With Flange Fiber Optic Adapter/Coupler
7235086	SC OM3 SX Adapter Without Flange Fiber Optic Adapter/Coupler
7235087	SC OM3 SX Welding Adapter With Flange Fiber Optic Adapter/Coupler
7235088	SC OM3 SX Welding Adapter Without Flange Fiber Optic Adapter/Coupler
7235089	SC OM3 With Legs Fiber Optic Adapter/Coupler
7235090	SC OM4 DX Adapter With Flange Fiber Optic Adapter/Coupler
7235091	SC OM4 DX Adapter Without Flange Fiber Optic Adapter/Coupler
7235092	SC OM4 SX Adapter With Flange Fiber Optic Adapter/Coupler
7235093	SC OM4 SX Welding Adapter With Flange Fiber Optic Adapter/Coupler
7235094	SC OM4 SX Welding Adapter Without Flange Fiber Optic Adapter/Coupler
7235095	SC OM4 With Legs Fiber Optic Adapter/Coupler
7235096	SC SX Metal Adapter Fiber Optic Adapter/Coupler
7235097	SC UPC DX Adapter With Flange Fiber Optic Adapter/Coupler
7235098	SC UPC DX Adapter Without Flange Fiber Optic Adapter/Coupler
7235099	SC UPC SX Adapter With Flange Fiber Optic Adapter/Coupler
7235100	SC UPC SX Adapter Without Flange Fiber Optic Adapter/Coupler
7235101	SC UPC SX Welding Adapter With Flange Fiber Optic Adapter/Coupler
7235102	SC UPC SX Welding Adapter Without Flange Fiber Optic Adapter/Coupler
7235103	SC UPC With Legs Fiber Optic Adapter/Coupler

Connector Type	LC, SC, FC, ST
	Used in LC optical fiber interface to connect the connector of SFP module. It is made by the easy-to-operate modular jack (RJ) latch mechanism. (Routers are commonly used)
	Used in SC fiber optic interface, it looks very similar to the RJ-45 interface, but the SC interface is flatter, and the obvious difference is the inner contact. If it is 8 thin copper contacts, then It is an RJ-45 interface, if it is a copper column, it is an SC fiber interface.
	Used in FC optical fiber interface, the external strengthening method is a metal sleeve, and the fastening method is a turnbuckle. Generally used on the ODF side (most used on the distribution frame)
	Used in ST optical fiber interface, commonly used in optical fiber distribution frame, the shell is round, and the fastening method is turnbuckle. (For 10Base-F connection, the connector is usually ST type. Commonly used in optical fiber distribution frame)

OEM/ODM service for you

ZION Communication has rich expiriences in producing OEM/ODM cases

- Customized Logo
- Label/PE bag/Carton design