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OS2 Duplex SC Adapter - Unshuttered With Flange

DINTEK's Light-LINKS™ Adapters (sometimes referred to as Couplers) are designed to provide an accurate system for connecting or aligning the optical fibers within two mated fiber optic connectors. By precisely aligning two connectors, DINTEK's fiber optic adapters allow light sources to be transmitted from fiber to fiber with the lowest insertion loss possible while maintaining excellent interchangeability and insertion/extraction life.

Features

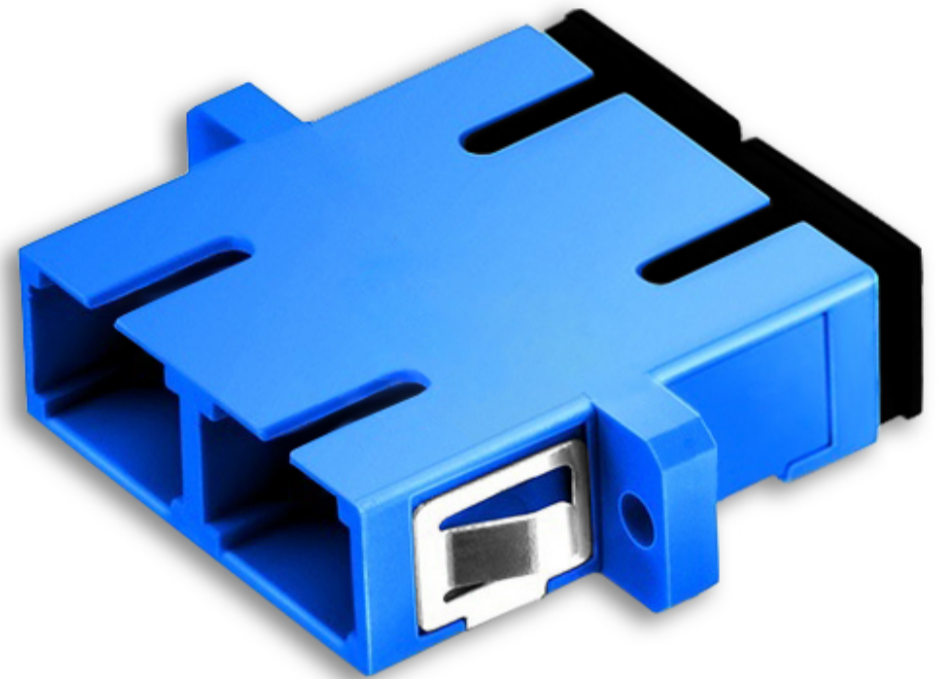
- Low insertion loss
- Environmentally stable
- Good insertion/extraction life
- Easy installation
- Visible light can be still be seen through the adapter when trying to trace signal with a VFL light source

Standards Compliance

- ISO/IEC 11801
- Cenelec EN 50173-1 / 50173-5
- ANSI/TIA-568 D.3
- ISO/IEC 24764/ TIA-942

Applications

- Fiber Telecommunications
- Optical Security, CATV, FTTx
- Local, Wide and Global Area Networks
- High EMI / RFI environments
- Racks and Panels / Server Rooms



Technical & Mechanical Properties

Mode Type	OS2 - Blue (UPC)
Ferrule diameter	2.5mm
Insertion/withdrawal cycles	≥ 500
Connection method	SC Female (UPC)
Degree of protection	IP20
Ambient temp. (operation)	-40°C ~ +80°C
Ambient temp. (storage)	-40°C ~ +85°C
Number of fibers	Duplex - 2 Fiber
Housing material	Plastic
Ferrule material	Zirconia ceramics
Insertion Loss (dB)	≤0.2dB
Flange / Flangeless	With Flange
Return Loss (dB) Singlemode	UPC ≥ 30dB APC ≥ 35 dB
Return Loss (dB) Multimode	PC ≥ 45 dB

Ordering Information

Product Number	Product Name	Shuttering	Mode Type	Adapter Color	Polish Type
2107-03003	OS2 Duplex SC Adapter - With Flange	Unshuttered	OS2 Singlemode	Blue	UPC
2107-03009	OS2 Duplex SC Adapter - With Flange	Unshuttered	OS2 Singlemode	Green	APC
2107-03005	OM2 Duplex SC Adapter - With Flange	Unshuttered	OM2 Multimode	Beige	PC
2107-03011	OM3 Duplex SC Adapter - With Flange	Unshuttered	OM3 Multimode	Aqua	PC
2107-03010	OM4 Duplex SC Adapter - With Flange	Unshuttered	OM4 Multimode	Purple	PC

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