COMMSCOPE®

Fiber Optic Connector Adapters

Single Mode and Multimode Adapters

CommScope offers a broad range of single-mode and multi-mode fiber optic cable assemblies.

- Single-mode assemblies are used in telecommunications, CATV, data communications and wide area network applications.

- Multi-mode fiber optic cable assemblies are designed for use in data communications and local area network (LAN) applications.

For all connectors used on cable assemblies, matching adapters are available and can be ordered separately.

CommScope offers a broad range of high quality simplex and duplex connector mating adapters. Ceramic sleeves ensure high precision alignment, reliability and improved reconnectability.

Features

- Adapters available for single-mode and multi-mode connections in simplex and duplex versions

- Low insertion loss

- Improved reconnectability

- High precision alignment sleeves

- Complies with

    - Mechanical interface IEC 61754

    - Optical attenuation of adapters

    - EC 61300-3-42

    - RoHS

    - REACH

For more information, visit commscope.com

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Optical and Mechanical Performance
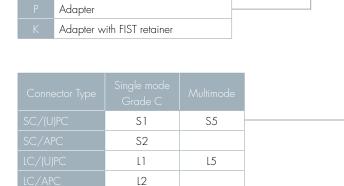
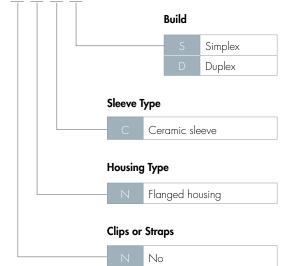**Insertion Loss:**   Max. 0.1dB between matched reference connectors

Strength of Coupling Mechanism: 40N

Operating Temperature: -40°C — +70°C

Ordering Information

$$OC - AD\ X - XX - XX - X\ X\ X\ X$$

Type

P	Adapter
K	Adapter with FIST retainer

Connector Type	Single mode Grade C	Multimode
SC/(U)PC	S1	S5
SC/APC	S2	
LC/(U)PC	L1	L5
LC/APC	L2	
E2000/APC	E9	

Build

S	Simplex
D	Duplex

Sleeve Type

C	Ceramic sleeve

Housing Type

N	Flanged housing

Clips or Straps

N	No

— (U)PC = (ultra) polished physical contact;
   APC = angled polished physical contact
— Hybrid adapters on demand

Notes
Minimum Order Quantity (MOQ): 24pcs (1 pcs in bag)
For bulk packagings, add suffix (-24)

Ordering Example
24 adapters   24x OC-ADP-S1-S1-NNCS-(24)   1 bag with 24pc

Ordering examples for single-mode and multi-mode adapters with/without retainers

Adapter Type	Quantity	Namestring
Single-mode SC/APC simplex adapter	1	OC-ADP-S2-S2-NNCS
Single-mode SC/UPC simplex adapter + retainer	24	OC-ADK-S1-S1-NNCS-(24)
Single-mode LC/APC duplex adapters	1	OC-ADP-L2-L2-NNCD
Multi-mode LC/PC duplex adapters	1	OC-ADP-L5-L5-NNCD

For more technical options and order quantity information, please consult the products ordering guides or your local sales representative.

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