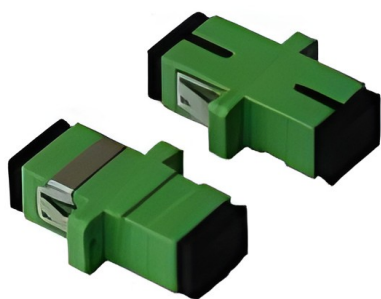


FIBER & ACCESS

Fiber Optic Adapters

SC, LC, FC, ST and hybrid interfaces

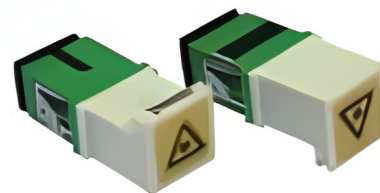
Match the fiber connection to the panel, enclosure and installed equipment. ComponexX supplies adapter options for access networks, patching and OEM assemblies, with the housing and mounting details selected for your application.



SC adapter formats



LC adapter formats



Shuttered SC options

Family	Typical selection need	Configuration choices
SC	Access terminals, outlets and patch panels	Simplex or duplex; flanged or flangeless; shutter and clip options.
LC	Compact patching and higher port density	Simplex, duplex or quad; housing and mounting variations.
FC / ST	Equipment and installed-base interfaces	Threaded FC or bayonet ST formats; selected metal bodies and panel mounts.
Hybrid	Joining different connector formats	Selected SC, LC, FC, ST, SMA905 and E2000 interface pairs.

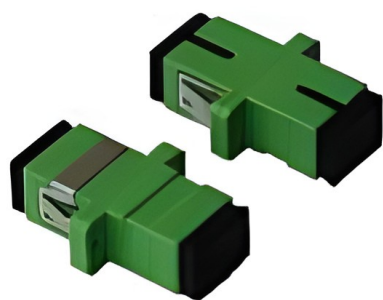
Start with the mating interface

Define the connector format, fiber mode, required polish compatibility and panel cutout before choosing a housing color. Then select the port count, sleeve and mounting arrangement.

SC ADAPTERS

Fit the access point

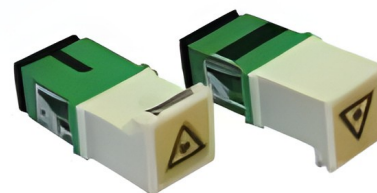
A familiar connector format with choices for the enclosure face, retention method and access to the port.



SC body and mounting options



Flanged SC options



Shuttered SC options

Selection	Configuration options
Port arrangement	Simplex and duplex bodies for the required connection count.
Panel mounting	Flanged or flangeless designs, metal clips, push-in and selected four-claw retention formats.
Body construction	One-piece and split-body variants to suit the mechanical arrangement.
Port access	Dust-cap and selected shuttered formats.
Network match	Single-mode or multimode variants; PC or APC configuration as specified.

Where these choices matter

In a terminal or outlet, the available cutout and panel thickness determine whether the adapter can be retained correctly. In a preassembled panel, port spacing and the rear connector clearance also matter.

For a repeat installation program

An agreed housing, sleeve, clip and color specification helps keep later deliveries consistent with the approved assembly. Include a cutout drawing or a sample enclosure when requesting a match.

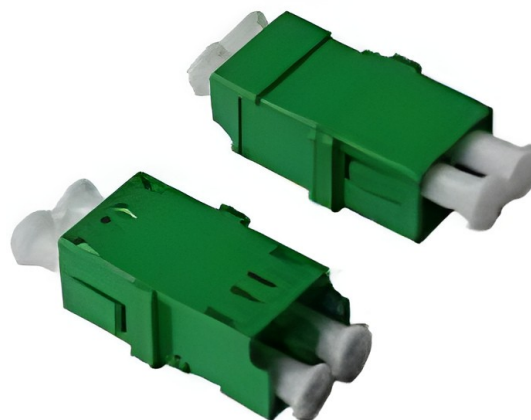
LC ADAPTERS

Compact connections with the right fit

LC options support compact panels and equipment interfaces. Port density is only useful when connector access and mechanical clearance work in the finished assembly.



LC duplex body options



LC APC body options

Selection	Configuration options
Port arrangement	Simplex, duplex and quad formats.
Panel integration	Flanged or flangeless; one-piece or split-body designs.
Housing geometry	Selected high-low and asymmetric housing options.
Fiber and polish	Single-mode and multimode options; select the required mating and polish configuration.
Completion details	Sleeve, housing color, clips, dust caps and packing matched to the selected variant.

For panels and OEM equipment

Choose the adapter footprint with the panel drawing, fiber count and connection access in view. Use the same approved variant in the drawing, bill of materials and repeat purchase description.

Mechanical choices do not establish optical performance

Insertion loss, return loss and sleeve requirements belong to the selected configuration and its acceptance criteria. Specify the required values when requesting a sample or quotation.

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Overview

FIBER ADAPTERS / PAGE 3

FC ST AND HYBRID INTERFACES

Connect the installed base

Selected metal-bodied and hybrid adapters extend the range for existing equipment and mixed connector formats.

Interface family	Available examples	Selection focus
FC	Threaded bodies; selected large-D and small-D formats	Thread/key details, cutout, panel thickness and fiber compatibility.
ST	Bayonet formats; selected duplex arrangements	Bayonet fit, body dimensions and mounting arrangement.
SC hybrids	FC-SC, SC-ST and SC-LC	Connector formats and compatible end-face geometry on both sides.
LC hybrids	LC-FC, LC-ST and LC-E2000	Housing clearance, retention and the exact interface combination.
Other hybrids	FC-ST and SMA905-FC	Application-specific interface and fiber requirements.

A hybrid changes the connector interface

It does not convert single-mode fiber to multimode fiber or make incompatible connector polishes suitable for mating. Select the complete interface pair for the optical path.

Include with your inquiry	Why it matters
Connector pair and fiber	Identifies the adapter family, mode and required polish compatibility.
Port count and dimensions	Defines simplex, duplex or quad layout, cutout and clearances.
Optical acceptance criteria	Sets required insertion loss, return loss and sleeve specification.
Quantity and supply format	Aligns bulk, panel-assembly or branded packing with the program.

Build the adapter specification

Send a drawing, existing part description or sample, together with the intended application and quantities.

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