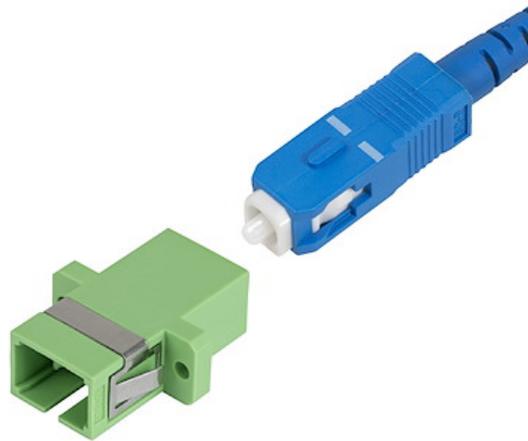SC to SC Coupler 10 Pack, OS2 Single Mode SC Fiber Optic Coupler with Flange, SC/APC Simplex Adapter

Product ID: SIMPLEXSCAPCF

This 10-Pack of Single Mode SC fiber couplers is a practical solution for supporting multiple installations. Join two SC simplex connections in a fiber distribution panel or enclosure.

The SC Fiber Coupler features a flanged body for secure placement in fixed installations, ensuring a stable connection point within fiber enclosures and mounting panels. It supports Single Mode SC simplex fiber cables and is compatible with OS1/OS2 (9/125m) fiber core/cladding. This 10 Pack is ideal for fast deployment in enterprise networks and fiber infrastructure.

The Single Mode SC/SC Fiber Coupler features a durable ABS housing and ceramic-lined inner sleeves for precise fiber alignment, minimizing signal loss for long-lasting reliability and performance.

Certifications, Reports and Compatibility

Applications

• Connect two Single Mode SC to SC fiber cables to extend a fiber connection

• Add fiber connectivity to a rackmount fiber patch panel or enclosure

• Flanged design for secure mounting and fixed panel installation

Features

• Extend Multiple SC Connections: Deploy faster and more organized with a 10-pack of flanged SC/APC simplex fiber couplers, ideal for fiber distribution panels and enclosures in large-scale installations

• Reliable, High-Speed Performance: Engineered for 1/10/40/100Gbps transmission with low 0.2dB insertion loss and precision mating, this coupler maintains peak signal integrity and exceeds TIA-568 B.3 standards; Optimized for Single Mode laser sources

• Flanged Design for Secure Mounting: Secure the SC coupler into fixed panel mounts with the screw-in flanged body to eliminate port movement and ensure a stable physical connection point in high-density or permanent installations

• Single Mode Compatibility: Pair with SC simplex fiber cables with APC polished ends for optimal signal clarity and minimal return loss; Supports OS2/OS1 single mode connections over 9/125m cores at standard 1260-1625nm wavelengths

• The IT Pro's Choice: Operations managers and network technicians rely on our network accessories for high-speed performance and end-to-end signal integrity; Engineered for reliable connections that minimize downtime, and backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	Lifetime
Active or Passive Adapter	Passive
Ports	2
Fiber Size	9/125
Fiber Classification	OS1

Performance

Type	Single Mode
Wavelength	1260nm to 1625nm

Connector(s)

Connector A	1 - Fiber Optic SC Simplex
	1 - Fiber Optic SC Simplex

Environmental

Operating Temperature	-40 to 85 (-40&degF to 185&degF)
Storage Temperature	-40 to 85 (-40&degF to 185&degF)
Humidity	0%~90%

**Physical
Characteristics**

	Color	Green
	Connector Style	Straight
	Material	PBT
	Product Length	1.1 in [27.5 mm]
	Product Width	0.9 in [22.2 mm]
	Product Height	0.4 in [9.3 mm]
	Weight of Product	0.1 oz [4 g]

**Packaging
Information**

	Package Length	5.5 in [14.0 cm]
	Package Width	6.3 in [16.0 cm]
	Package Height	0.4 in [1.0 cm]
	Shipping (Package) Weight	0.2 oz [6.0 g]

What's in the Box

	Included in Package	10 - SC/APC Fiber Coupler

*Product appearance and specifications are subject to change without notice.