

6824 2 273-12-ISP

SM SC/APC duplex adapter

The single-mode SM SC/APC duplex fiber optic adapter is a reliable and precise component of fiber optic networks, used to connect single-mode patch cords terminated with SC/APC connectors. SC/APC connectors, due to their design, provide low light reflection, which is particularly important in high-bandwidth and long-distance applications. Due to their properties, they are especially useful in places where high reliability and data transmission quality are required. SM SC/APC duplex adapters are commonly used in fiber optic patch panels, distribution boxes, subscriber outlets, and data centers.



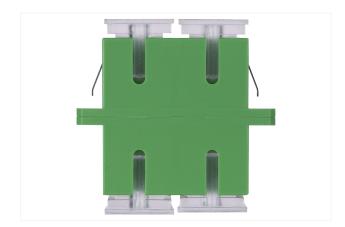
Technical specifications

SM SC/APC duplex adapter

IL attenuation	0,2 dB
Type of adapter	SM
Adapter type	SC/APC
Adapter version	duplex
Operating temperature range	-40°C / +85°C







High Centering Precision

The adapter enables precise centering of 2.5 mm diameter ferrules, which guarantees low signal loss and high connection quality.

Precise centering minimizes signal loss and ensures low connection attenuation.

Very Low Attenuation

The adapter is characterized by very low attenuation, which is essential for maintaining high-quality data transmission in fiber optic networks.

The attenuation in SC/APC duplex adapters is 0.2 dB, making them ideal for use in demanding network environments.

SC/APC Construction

APC (Angled Physical Contact) connectors have an 8-degree angled cut, which reduces light reflection and improves signal quality.

SC (Subscriber Connector) connectors are a standard solution in many fiber optic applications, providing ease of use and durability.