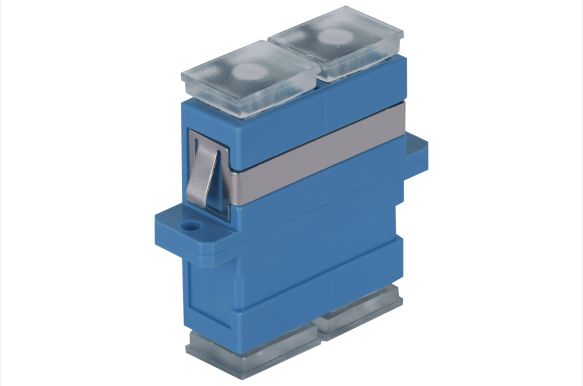
securityNET

6824 2 273-13-ISP

Adapter SM SC/PC duplex

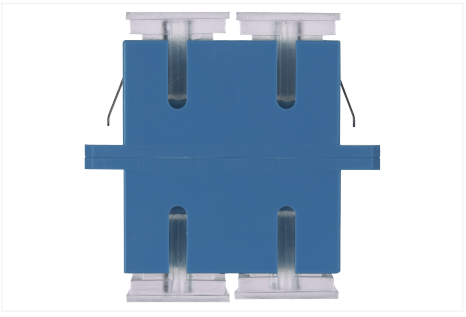


The SM SC/PC duplex single-mode fiber optic adapter is a reliable component in fiber optic networks, used to connect single-mode patch cords terminated with SC/PC connectors. Thanks to its design, it provides stable connections with high signal quality and minimal losses, which is essential for efficient data transmission. Single-mode SC/PC duplex adapters are widely used in telecommunications networks, data centers, CATV systems, broadband networks, and in military and medical applications. Due to their properties, they are particularly useful in places where high reliability and data transmission quality are required.

Technical specifications

Adapter SM SC/PC duplex

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



High Centering Precision

The adapter ensures accurate centering of connected ferrules with a diameter of 2.5 mm, which is crucial for maintaining the integrity of the optical signal.
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/PC duplex adapters is 0.2 dB, making them ideal for use in demanding network environments.

Connector Type

PC (Physical Contact) connectors provide direct ferrule contact, which minimizes the air gap between them and reduces signal reflection, improving transmission quality.
SC (Subscriber Connector) connectors are a standard solution in many fiber optic applications, providing ease of use and durability.

info@securitynet.eu
+48 65 525 55 50