

6824 2 271-12-ISP

## SM SC/APC simplex adapter

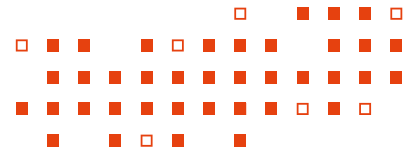
SC/APC simplex single-mode fiber optic adapter is a key component of fiber optic networks, designed to connect single-mode patchcords terminated with SC/APC connectors. Its design ensures stable connections with high signal quality and minimal loss, which is important for efficient data transmission. Thanks to its design, SC/APC connectors provide low reflection, which is especially important in high-bandwidth and long-distance applications. LC/APC simplex single-mode adapters, due to their characteristics, are particularly useful in places where high reliability and quality of data transmission are required. They are used in telecommunications networks, CATV systems and industrial and medical applications.



## Technical specifications

SM SC/APC simplex adapter

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



## High-precision centering

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

## Extremely

low attenuation

The adapter features very low attenuation, which is important for maintaining high quality data transmission in fiber optic networks.

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

## SC/APC design

The APC (Angled Physical Contact) connectors have an 8-degree bevel angle, which reduces reflection and improves signal quality.

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