



01S1-BAS1-0xxx

SC/PC-SC/PC simplex single-mode patchcord

SC/PC-SC/PC simplex single-mode patchcord is a key component in modern fiber optic networks, designed to connect devices with identical SC/PC connectors. Thanks to its design, it ensures high signal quality and minimal loss, which is important for efficient data transmission. Fiber optic patchcords in a single version, the so-called simplex – sections of optical fibers terminated with connectors on both sides. Manufactured as standard ne inner cable with a diameter of 2.0mm; 2.4mm or 2.8mm. It is possible to manufacture on special cable and in peszel.



Technical specifications

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Insertion loss (IL)	0,25 dB
Return loss (RL) of a PC connector	min. 45 dB
Connector type I	SC/PC
Connector type II	SC/PC



High Signal Quality

Patchcord provides high signal quality thanks to its precision-made 2.5mm diameter ferrules, which is key to maintaining the integrity of the optical signal. SC/PC connectors minimize signal reflections to ensure signal stability.

Low insertion loss

The patch cord features very low insertion loss, typically below 0.3 dB, which is essential for maintaining efficient and reliable data transmission.

SC/PC

Connectors

Physical Contact (PC) connectors provide direct contact between ferrules, minimizing the air space between them and reducing signal reflection, which improves transmission quality.

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