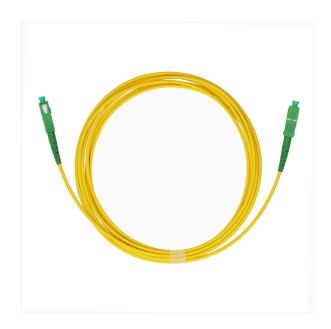




01S3-BAS3-0xxx

# Single Mode SC/APC-SC/APC simplex patchcord

The single-mode SC/APC-SC/APC simplex patch cord is a crucial element in modern fiber optic networks, enabling efficient and reliable connections between devices equipped with SC/APC connectors. Thanks to its design, it ensures signal stability and minimal losses, which is crucial for high-quality data transmission. Simplex fiber optic patch cords are segments of optical fibers terminated with connectors on both ends. They are manufactured as standard with an internal cable diameter of 2.0mm, 2.4mm, or 2.8mm. There is a possibility of manufacturing with special cable and in a conduit.



## **Technical specifications**

Single Mode SC/APC-SC/APC simplex patchcord

Insertion loss (IL)	0,25 dB
Return loss (RL) of a APC connector	min. 60 dB
Connector type I	SC/APC
Connector type II	SC/APC



### **High Signal Quality**

The patch cord is equipped with SC/APC (Angled Physical Contact) connectors, which provide optimal connection and minimize signal reflections.

Precisely manufactured 2.5 mm diameter ferrules guarantee high signal quality and low transmission losses.

#### **Low Attenuation**

The patch cord is characterized by very low attenuation, typically below 0.3 dB, which is crucial for maintaining efficient and reliable data transmission.

#### **Durable Construction**

Made from high-quality single-mode fibers, the patch cord ensures resistance to mechanical damage and long-lasting reliability. The robust outer jacket protects against bending and physical damage.