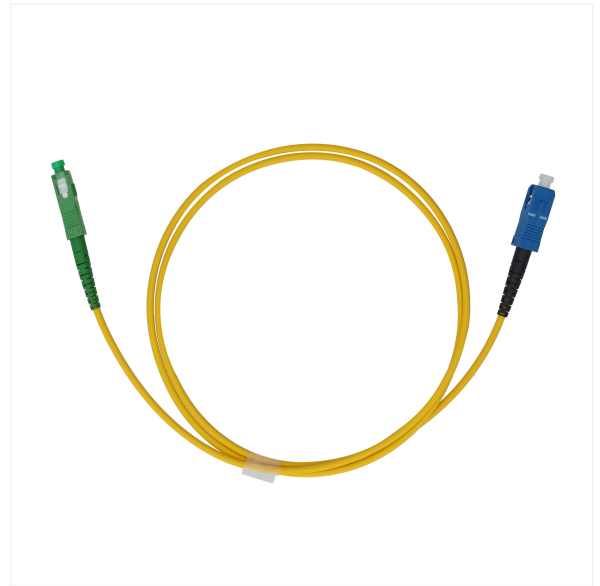


01S3-BAS1-0xxx

Single Mode SC/APC-SC/PC simplex patchcord

The SC/APC-SC/PC simplex single-mode patch cord is an essential component in modern fiber optic networks, enabling efficient and reliable connections between devices with different types of connectors. By using SC/APC and SC/PC connectors, this patch cord ensures signal stability and minimal loss, which is crucial for high-quality data transmission.

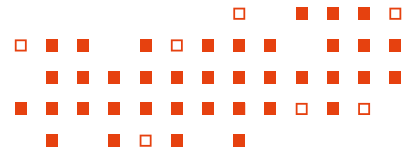
Simplex fiber optic patch cords consist of a single fiber strand terminated with connectors on both ends. They are typically manufactured using indoor cables with diameters of 2.0 mm, 2.4 mm, or 2.8 mm. Custom versions can also be produced using special cables or with additional protective conduit.



Technical specifications

Single Mode SC/APC-SC/PC simplex patchcord

| | |
|-------------------------------------|-----------|
| Insertion loss (IL) | 0,25 dB |
| Return loss (RL) of a APC connector | min. 60dB |
| Return loss (RL) of a PC connector | min. 45dB |
| Connector type I | SC/APC |
| Connector type II | SC/PC |



High signal quality

The patch cord is equipped with SC/APC (Angled Physical Contact) and SC/PC (Physical Contact) connectors, which ensure direct ferrule contact and minimize signal reflection. Precisely manufactured 2.5 mm ferrules guarantee high signal quality and low transmission loss.

Durable construction

Made of high-quality single-mode fiber, the patchcord provides resistance to mechanical damage and long-term reliability. The rugged outer shell protects against bending and physical damage.

Connector type

SC/APC (Angled Physical Contact) connectors minimize signal reflection thanks to their 8-degree angled end face, improving transmission quality. LC/PC (Physical Contact) connectors ensure direct ferrule contact, reducing signal loss.