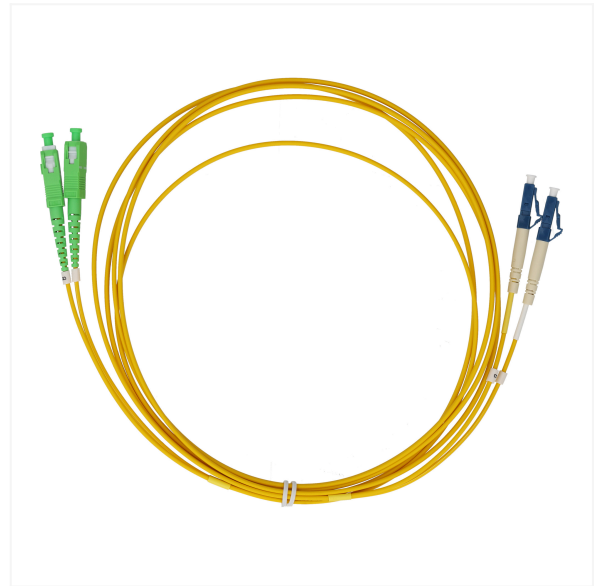


02S3-OAL1-0xxx

Single Mode SC/APC-LC/PC duplex patchcord

The SC/APC-LC/PC duplex single-mode patch cord is a key component in fiber optic network infrastructure, enabling efficient and reliable connections between devices equipped with SC/APC and LC/PC connectors. Its advanced design ensures high signal quality and minimal loss, which is essential for effective data transmission.

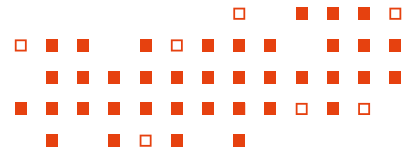
Duplex fiber optic patch cords consist of two fiber strands terminated with connectors on both ends. They are typically manufactured using indoor cables with diameters of 2.0 mm, 2.4 mm, or 2.8 mm. Custom versions can also be produced using special cables or with additional protective conduit.



Technical specifications

Single Mode SC/APC-LC/PC duplex patchcord

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



High signal quality

The patch cord is equipped with SC/APC (Angled Physical Contact) and LC/PC (Physical Contact) connectors, which ensure optimal connectivity and minimize signal reflection.

Precisely manufactured 2.5 mm ferrules guarantee high signal quality and low insertion loss.

Low insertion loss

The patch cord features very low insertion loss, typically below 0.2 dB per connector, which is essential for maintaining stable and reliable data transmission.

Trwała konstrukcja

Wykonany z wysokiej jakości włókna jednomodowego patchcord jest odporny na uszkodzenia mechaniczne i zapewnia długotrwałą niezawodność.

Solidna konstrukcja zewnętrzna chroni włókno przed zginaniem oraz innymi uszkodzeniami fizycznymi.