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Single Mode LC/APC- LC/APC duplex patchcord

The single-mode LC/APC-LC/APC duplex patch cord is a crucial element in modern fiber optic networks, enabling stable and efficient connections between devices equipped with LC/APC connectors. Thanks to its design, it ensures high signal quality and minimal losses, which is essential for reliable data transmission. Duplex 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

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



High Signal Quality

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

Precisely manufactured 1.25 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.