

LCQUADBLUE

SM LC/PC quad adapter

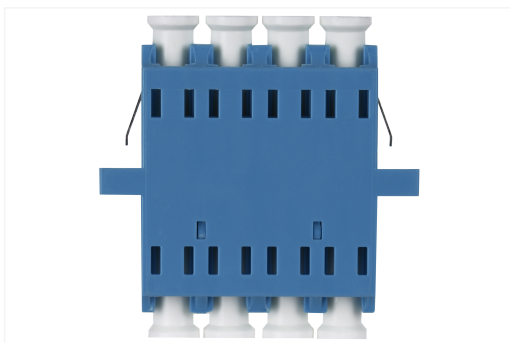
The LC/PC quad single-mode fiber optic adapter is an advanced solution designed to connect four single-mode fiber optic lines terminated with LC/PC connectors. Its design ensures precise ferrule alignment and minimal insertion loss, which is essential for maintaining optical signal quality. LC/PC quad adapters are widely used in fiber optic distribution frames to connect patch cords with pigtails spliced to fiber optic cables. They are also used in distribution boxes and subscriber outlets, where they provide stable and efficient optical connections.



Technical specifications

SM LC/PC quad adapter

IL attenuation	0,2 dB
Type of adapter	SM
Adapter type	LC/PC
Adapter version	quad
Operating temperature range	-40°C / +85°C



High-precision alignment

The adapter ensures accurate alignment of the 1.25 mm diameter ferrules being connected, which is crucial for maintaining optical signal integrity.

Precise alignment minimizes signal loss and ensures low insertion loss of the connection.

Very low insertion loss

The adapter features very low insertion loss, which is essential for maintaining high data transmission quality in fiber optic networks. The insertion loss of LC/PC quad adapters is 0.2 dB, making them ideal for use in demanding network environments.

Connector type

PC (Physical Contact) connectors minimize the air gap between ferrules, reducing signal reflection and improving transmission quality. LC (Lucent Connector) connectors are compact, allowing for higher port density, which is beneficial in modern network installations.