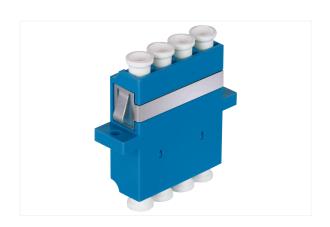


LCQUADBLUE

SM LC/PC quad adapter

The single-mode LC/PC quad fiber optic adapter is an advanced solution designed for connecting four single-mode optical fibers terminated with LC/PC connectors. Its design ensures high ferrule centering precision and minimal attenuation, which is crucial for maintaining optical signal quality. LC/PC quad adapters are widely used in fiber optic patch panels for connecting patch cords to pigtails spliced onto 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 Centering Precision

The adapter ensures precise centering of connected 1.25 mm diameter ferrules, which is crucial for maintaining optical signal integrity.

Precise centering minimizes signal loss and ensures low connection attenuation.

Very Low Attenuation

The adapter is characterized by very low attenuation, which is essential for maintaining high-quality data transmission in fiber optic networks. The attenuation in 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, which reduces signal reflection and improves transmission quality. LC (Lucent Connector) connectors are compact, allowing for higher port density, which is beneficial in modern network installations.