

**Part Number: LF-GNLCLC1S-LSZH****Description: GROVE OS1/OS2 Duplex Patch Lead**

GROVE Duplex Patch Lead (LSZH)" is a fiber optic patch cable with connectors on both ends, supporting both OS1 and OS2 specifications for single-mode fibers, and featuring a Low Smoke Zero Halogen jacket for enhanced fire safety.

*Connectors available are; SC-SC, SCA-LC, SCA-SC, SCA-SCA, LC-LC  
\*Multiple different lengths available\**

The key features-

**Length:**

The cable comes in multiple different lengths, providing flexibility in connecting network components within a limited distance.

**Connectors:**

Multiple different connectors are featured on both ends of the patch cable.

**Single-Mode Fiber Support:**

The patch lead supports both OS1 and OS2 specifications. This means it can be used in applications where single-mode optical fibers with different characteristics are required. OS1 is optimized for LED light sources, while OS2 is optimized for laser light sources and supports longer-distance communication.

**Duplex Configuration:**

The cable is configured as a duplex, meaning it contains two fibers. This allows for bidirectional communication, with one fiber dedicated to transmitting data and the other for receiving data.

**Jacket Material (LSZH):**

The cable features a Low Smoke Zero Halogen (LSZH) jacket. LSZH jackets are designed to minimize the release of smoke and halogen gases in the event of a fire. This makes them suitable for environments where fire safety is a priority.

**Versatility:**

With support for both OS1 and OS2 specifications, the patch lead is versatile and can be used in different network segments with varying requirements.

**High-Quality Construction:**

As a product by GROVE, it is expected to meet quality standards in terms of materials and construction, providing reliable performance in fiber optic connectivity.



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