

StarTech.com 1m (3.3ft) LC to SC (UPC) OS2 Single Mode Duplex Fiber Optic Cable, 9/125µm, 100G, Bend Insensitive, Low Insertion Loss - LSZH Fiber Jumper Cord

Model: SMLCSC-OS2-1M

Manufacturer: STARTECH

EAN: 065030903271

Product Code: 1723442

R1,072

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.
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Enhance the performance capabilities of CWDM applications over an OS2 fiber network

OS2 LC to SC Single Mode Duplex Fiber Optic Patch cable facilitates connectivity across 100G networks. It supports Coarse Wavelength Division Multiplexing (CWDM) across an extended wavelength range of 1260-1625nm, improving channel isolation for optimal signal strength over long distances.

Compatibility

This 9/125µm Single Mode fiber cable supports 1260-1625nm laser-optimized sources and is ideal for critical connections between servers, switches, and data center equipment. It is backward compatible with OS1 networks, ensuring a reliable connection in legacy fiber environments.

Engineered for Optimal Performance

Precision-manufactured ceramic ferrules ensure accurate fiber alignment for an insertion loss below 0.3dB. Ultra Physical Contact (UPC)-polished LC to SC fiber ends greatly improve return loss characteristics over older PC polishing techniques. The Bend Insensitive fiber core is surrounded by a layer of low refractive index material. This material reduces the amount of light that can escape the fiber cable by reflecting the light back into the fiber. The OS2 fiber patch cord is engineered for low attenuation and performance that exceeds ITU-T G652.D/G657.A1 and IEC60703-2-50 type B1.3/B6.a1 industry standards.

LSZH Cable Jacket

Housed in a Low-Smoke Zero-Halogen (LSZH) flame-retardant jacket, the OS2 fiber cable emits low smoke and toxic fumes when exposed to extreme heat or in the event of a fire. This enables safer cable installations in areas with poor ventilation including some industrial settings, self-contained environments such as trains and aircraft, as well as residential settings where compliance with building codes must be considered.

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Each OS2 fiber cable is individually tested for insertion loss performance and includes a test report, for guaranteed compatibility and 100% reliability.

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