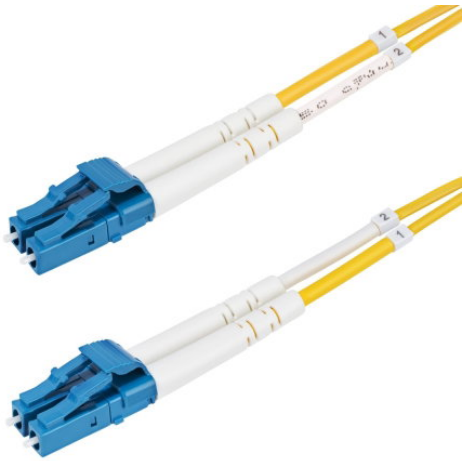
# StarTech.com 10m (32.8ft) LC to LC (UPC) OS2 Single Mode Duplex Fiber Optic Cable, 9/125µm, 100G, Bend Insensitive, Low Insertion Loss - LSZH Fiber Jumper Cord

Gamintojas: **STARTECH** · Modelis: **SMDOS2LCLC10M** · EAN: **065030901765** · Prekės kodas: **951316**



**41,90 €**

Kaina su PVM

Be PVM: **34,63 €**

**Sandėlyje**

**Prekė internetu**
Nuskenuokite kodą arba apsilankykite www.shopro.lt

## Pagrindinės savybės

- ✓ OS2 FIBER CABLE: Single Mode OS2 Fiber Cable is immune to EMI and optimized for 100Gbps networks; Coarse Wavelength Division Multiplexing (CWDM) enables extended 1260-1625nm wavelength support for greater channel isolation over long distances
- ✓ QUALITY CONSTRUCTION: LC/LC-UPC ends for improved return loss over PC polish; Numbered and color-coded connectors to indicate polarity; Bend Insensitive fiber core housed in Aramid-reinforced jacket for a loaded bend radius of 10mm
- ✓ SAFETY AND RELIABILITY: Individually tested for guaranteed performance; Test report included; LSZH jacket emits low toxic fumes if combusted; Safe for enclosed/poorly ventilated spaces; Attenuation value under 0.35dB/km outperforms industry standards
- ✓ COMPATIBILITY: Single Mode Fiber Patch Cord supports 100G networks; Backward compatible with OS1; High micro-bend resistance facilitates tight bends in complex installations; Ideal for connecting between servers/switches and data center equipment
- ✓ SPECS: 10 meter (32.8 foot); OS2 Single Mode; LC/LC (UPC) Duplex; 100Gbps; 9/125um; 1260-1625nm Laser Optimized; Insertion Loss: ≤0.3dB; Return Loss: ≥55dB; Cable OD: 2mm; Bend Radius: 10mm (0.39in) loaded/unloaded






Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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## Aprašymas

### Enhance the performance capabilities of CWDM applications over an OS2 fiber network

OS2 LC to LC 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 LC 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.

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

## Techninė specifikacija

| Features | |
|---|---|
| Cable length | 10 m |
| Cable type | LC/UPC |
| Connector 1 | LC |
| Connector 2 | LC |
| Connector 1 gender | Male |
| Connector 2 gender | Male |
| Product colour | Yellow |
| Jacket material | Low smoke zero halogen (LSZH), Polypropylene |
| Fibre optic type | OS2 |
| Connector polish type | UPC |
| Full duplex | Yes |
| Core diameter | 9 µm |

| | |
|---|---|
| Cladding diameter | 125 µm |
| Fiber mode structure | Single-mode |
| Wavelengths supported | 1260,1280,1300,1310,1383,1490,1550,1590,1600,1625 nm |
| Data transfer rate | 10 Gbit/s |
| Insertion loss | 0.3 dB |
| Return loss | 55 dB |
| **Certificates** | |
| Compliance certificates | CE |
| **Operational conditions** | |
| Operating temperature (T-T) | -20 - 60 °C |
| Storage temperature (T-T) | -20 - 60 °C |
| **Weight & dimensions** | |
| Cable diameter | 2 mm |
| Bending radius | 1 cm |
| **Packaging data** | |
| Package width | 199 mm |
| Package depth | 173 mm |
| Package height | 21 mm |
| Package weight | 77.5 g |
| **Packaging content** | |
| Quantity per pack | 1 pc(s) |
| **Other features** | |
| Attenuation (max) | 0.35 dB/km |
| **Logistics data** | |
| Master (outer) case width | 445 mm |
| Master (outer) case length | 445 mm |
| Master (outer) case height | 300 mm |
| Products per master (outer) case | 120 pc(s) |
| **Sustainability** | |
| Sustainability compliance | Yes |

## Dokumentai ir vaizdo įrašai

› Gaminio lankstinukas

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