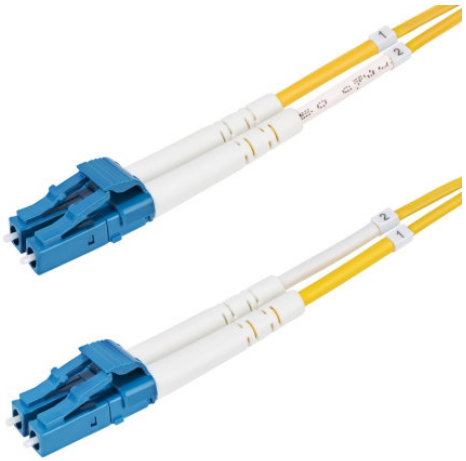
StarTech.com 3m (9.8ft) LC to LC (UPC) OS2 Single Mode Duplex Fiber Optic Cable, 9/125µm, 100G, Bend Insensitive, Low Insertion Loss - LSZH Fiber Jumper Cord

Gamintojas: **STARTECH** · Modelis: **SMDOS2LCLC3M** · EAN: **065030901710** · Prekės kodas: **958502**



30,90 €

Kaina su PVM

Be PVM: **25,54 €**

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; 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: 3m (9.8 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	3 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	197 mm
Package depth	200 mm
Package height	14 mm
Package weight	27.5 g
Packaging content	
Quantity per pack	1 pc(s)
Other features	
Attenuation (max)	0.35 dB/km
Logistics data	
Master (outer) case width	450 mm
Master (outer) case length	450 mm
Master (outer) case height	300 mm
Products per master (outer) case	280 pc(s)
Sustainability	
Sustainability compliance	Yes
Matmenys ir svoris	
Svoris	0,04kg

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Dokumentai ir vaizdo įrašai

› Gaminio lankstinukas

Gamintojo ir saugos informacija

GAMINTOJAS

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