StarTech.com 3m (9.8ft) LC to SC (UPC) OS2 Single Mode Simplex Fiber Optic Cable, 9/125µm, 40G/100G, Bend Insensitive, Low Insertion Loss - LSZH Fiber Jumper Cord

Model: SPSMLCSC-OS2-3M

Manufacturer: STARTECH.COM

EAN: 065030907002

Product Code: 1079387

R1,151

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

OS2 LC to SC Single Mode Simplex Fiber Optic Patch cable facilitates connectivity across 40G/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

Connect to single-fiber networking devices including simplex patch panels, SFP transceivers, and fiber NICs. This 9/125µm OS2 simplex single mode fiber patch cord 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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