



# LRCABLE3M

## 10 Gb/s 3m SFP+ to SFP+ Long Reach Fiber Optics Cable

### Features

- Multiple conductor sizes for optimized performance
- Positive retention pull-release latch system
- High-density SFP+ connector
- Ultra-low crosstalk for enhanced performance
- Cost-effective and optimized for high-speed data center interconnects

### Applications

- Ethernet 10G and 1G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- High Performance Networking, Storage, and clusters
- Hubs, switches, routers, servers

### Specifications

- IEEE 802.3ae (10GbE)

### Physical and Environmental

- RoHS-6 compliant (lead-free)
- Operating temperature: 0°C to 70°C

### Compatible Adapters

- T6225-CR
- T6225-SO-CR
- T6225-LL-CR
- T6425-CR
- T6225-OCP
- T520-OCP-SO
- T520-LL-CR
- T520-SO-CR
- T520-CR
- T540-CR

### Overview

Chelsio's LRCABLE3M is a long reach Fiber Optics cable, designed and certified for use with Chelsio's 10/25 Gigabit Ethernet Unified Wire adapters. The Fiber Optics cables offer a cost-effective and power-efficient cabling solution for high-speed data applications.



The Chelsio LRCABLE3M cable is compatible with Chelsio's T5/T6 based Unified Wire adapters. The T5/T6 adapters support PCI Express 3.0 host bus interface, and are optimized for storage, cloud computing, HPC, virtualization and other datacenter applications. The fifth (T5) and sixth (T6) generation ASIC technology from Chelsio provides the highest performance, while dramatically lowering host-system CPU and memory overhead with on-board hardware that offloads TCP/IP, iSCSI, FCoE and iWARP RDMA processing. As a result, the system benefits from higher bandwidth, lower latency and reduced power consumption.

### Characteristics

Chelsio's LRCABLE3M SFP+ cables are fully compliant with IEEE 802.3ae and IBTA specifications and adhere to RoHS-6 standards.

The T5/T6 adapters with LRCABLE3M cables enable a unified wire for LAN, SAN, and cluster traffic. Built upon a combination of high bandwidth and low latency architecture, the T5/T6 solution offers a complete set of storage and cluster protocols operating over Ethernet (iSCSI, FCoE and iWARP). Also, the solution's port-to-port and adapter-to-adapter failover features are ideal for critical applications that require redundancy and high-availability capabilities. Full Software suite was run with these cables and Chelsio recommends using these cables only with Chelsio adapters to allow the adapter warranty and support structure to remain intact.

### Ordering Information

Model: LRCABLE3M (3m 10G long reach Fiber Optic Single-mode Cable)

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