



Teleport T-SC100 series (ST or SC) (Multimode)

Enhanced 10/100Base-TX to 100Base-FX Media Converter

Introduction:

The Teleport SC100 Series Media Converters is a cost-effective, feature-packed solution for expanding or extending an existing Ethernet/Fast Ethernet network. The converter boasts enhanced with such features as remote and local loop back testing, auto-negotiation, and link fault signaling for total reliability, It also features seven DIP switches for manual activation of the enhanced features. This gives the SC100 series the ability to be quickly integrated into a network configuration.

The SC100 series can support a variety of fiber optic cables and connectors that can extend distances (up to 2km) as well as offering flexibility in the migration to 100Base-FX networks!



Product Summary & Benefits:

The Teleport SC100 series is a compact, reliable media conversion solution that provides network administrators with a cost-effective solution for migrating or upgrading copper-based networks to fiber optic-based networks. Whether data is transmitted over multi-mode, single mode fiber optics, or operating in full or half-duplex, the SC100 series is capable of handling the various cable configurations.

Link Fault Signaling - The LFS feature supports the creation of a redundant or secondary connection. This can be an ideal solution for those mission-critical or constant service applications such as fiber to The Building (FTTB) or Fiber To The Curb (FTTC). The LFS LED provides immediately indication of when a cable has been severed or when some other cause of disruption in service has occurred. Simultaneously, data transmission will be switched to the redundant link resulting in 'non-stop' network connectivity.

Loopback Test - Once enabled via a DIP-switch, the Remote or Local Loopback test feature allows the administrator to instantly determine the status of the cable connection. This offers a simpler approach to trouble shooting; no more manual inspection of cables and wiring closets.

Support NWay - The SC100 series advantage of intelligent connection technology to support auto-negotiation, thereby eliminating the hassle of manually configuring or monitoring the settings. This ensures a plug-n-play' operability.

Main Features:

- ☑ Device DIP switches allow multiple configuration options
- ☑ Automatic MDI/MDI-X selection on RJ-45 port
- ☑ Auto-negotiation, NWay support on RJ-45
- ☑ Link Fault Signaling (LFS)
- ☑ Remote and local loop back test
- ☑ LEDs for at-a-glance device status
- ☑ Extends distances ranging from 2km multi-mode fiber
- ☑ Store-and-forward at full wire speed
- ☑ Internal and external power supply options



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