Manuals+ — User Manuals Simplified.

D-Link 10-100BASE-TX Fiber Interface Converters Installation Guide
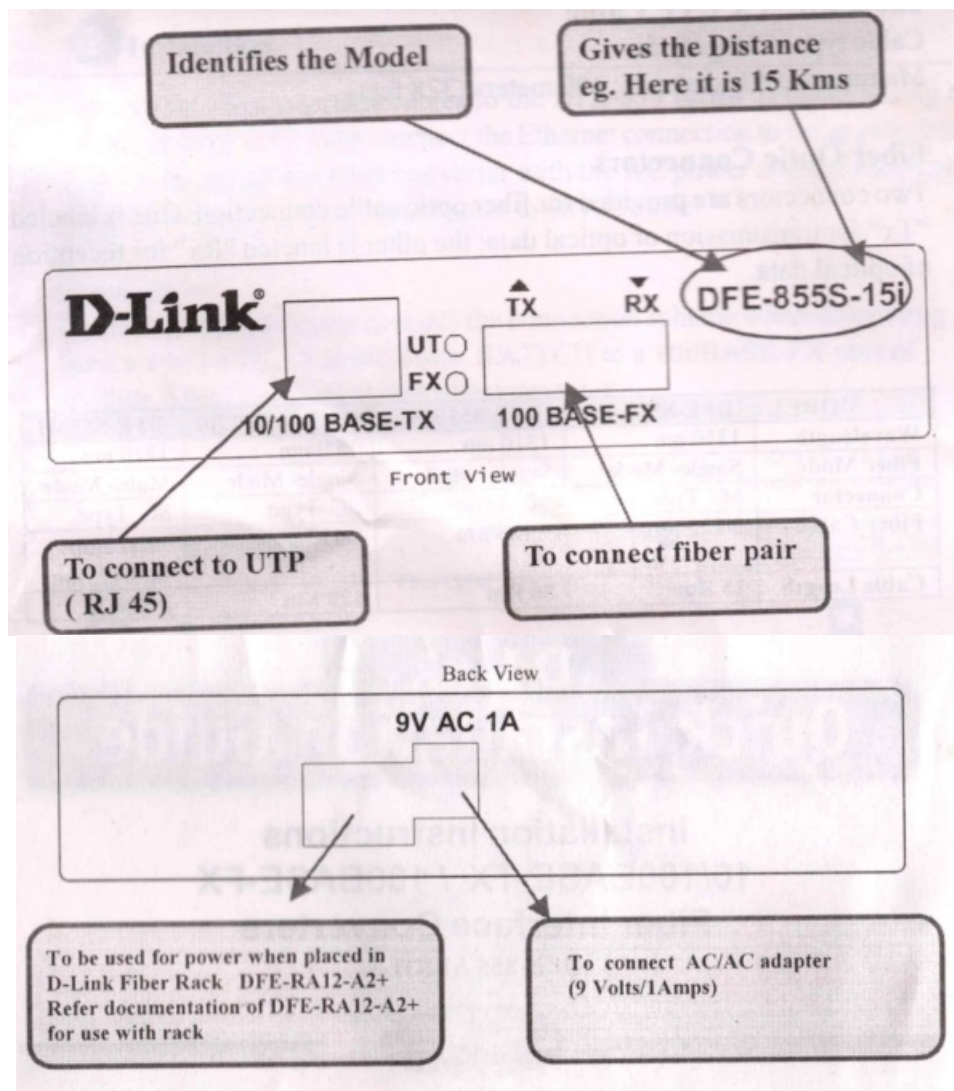
Contents

D-Link 10-100BASE-TX Fiber Interface Converters

INTRODUCTION

The New Fiber Converter Series DFE-855 series provides you with SC connectors for your fiber optic cable and RJ45 ports (straight through and crossover) for your 10/100Base-TX cable connection. The Fast Fiber Converters give you the freedom to extend your 10/100Mbps cabling distance by allowing connectivity up to 120 kilometers. Two LED indicators signal the UTP ink status and the Fiber tink status.

Specifications

Standard
IEEE802.3u 100BASE-TX, 100BASE-FX (Fast Ethernet, 100Mbps) Supports Full Duplex Ethernet mode (200Mbps)

100BASE-TX UTP Cable
Cable type: Category Se Maximum cable distance: 100 meters (328 feet)

Fiber Optic Connectors
Two connectors are provided for fiber optic cable connection. One is labeled Tx for transmission of optical data; the other is labeled "Rx" for reception of optical data.

MODEL	DFE-855S-15i	DFE-855S-50i	DFE-855S-120i	DFE-855Mi
Wavelength	1310 nm	1310 nm	1550nm	1310 nm
Fiber Mode	Single- Mode	Single- Mode	Single- Mode	Multi- Mode
Connector	SC Type	SC Type	SC Type	SC Type
Fiber Cable	9/125 µm	9/125 µm	9/125 µm	50/125µm 62.5/125µm
Cable Length	15 Km	50 Km	120 Km	2 Km

NOTE: The Maximum possible fiber Cable length is 120 Kms.

Environment:

- **Temperature:** 00 50°C
- **Humidity:** 10-90% non condensing
- **Dimensions:** 130mmx100mmx30mm
- **Power:** 9V 1A AC/AC adapter

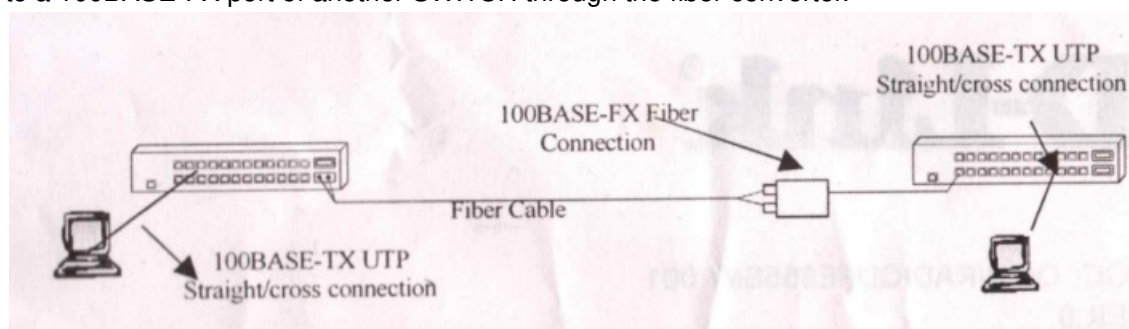The below table explains the different LED status:

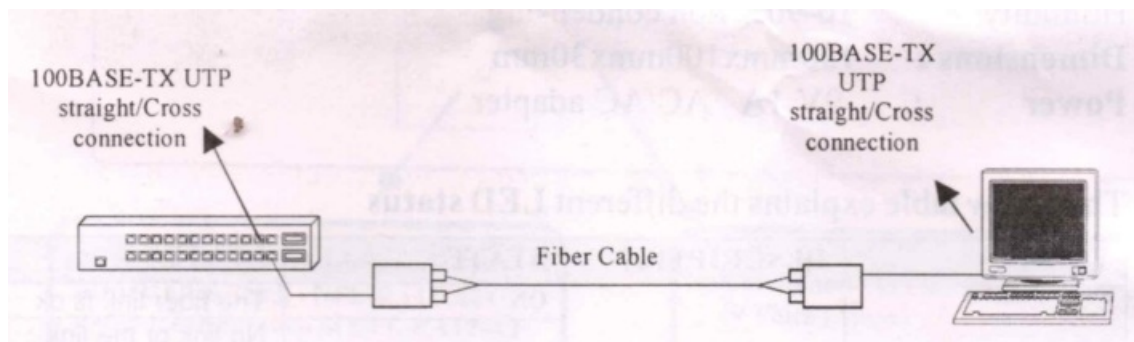| LED's	DESCRIPTION	STATE	STATUS
FX	Fiber Link	ON	The fiber link is ok.
		OFF	No link or the link is faulty.
		BLINKING	Receiving data on fiber
UT	Ethernet Link	ON	The UTP link is ok.
		OFF	No link or the link is faulty.
		BLINKING	Receiving data on Ethernet.

Installation alden

Connect the fiber interface cables to the DFE-855 series product Using a straight or cross UTP cable connect the Ethernet connection to the appropriate RJ-45 jack. Install the fiber converter with the AC power adapter provided (9V AC/AC) and connect the adapter to an AC outlet.

Connections
The following example illustrates the connection scheme when connecting from a 10OBASE-TX port of one SWITCH to a 100BASE-FX port of another SWITCH through the fiber converter.

The following example illustrates the connection scheme when connecting from a 100BASE-TX port of one HUB to a 100BASE-TX Network Interface Card (NIC) ina computer through the fiber converter.

TRADEMARKS

Ethernet is a registered trademark of Xerox Corp. ST is a registered trademark of AT&T.

WARNING: The information contained in this document is subject to change without prior notice.
This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference in which case the user will be required to correct the interference at his own expense.
NOTICE: (1) The changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment.
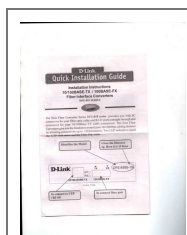**WARNING:** This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

D-LINK INDIA LIMITED

L5, VERNA ELECTRONIC CITY
VERNA, GOA. INDIA -403722

- **PH:**+91-832-2885400/404/426
- **FAX:** +91-832-2783395

Documents / Resources

	D-Link 10-100BASE-TX Fiber Interface Converters [pdf] Installation Guide 10-100BASE-TX Fiber Interface Converters, 10-100BASE-TX, Fiber Interface Converters, Interface Converters, Converters