

OPTICAL FIBER CLEANER
TECHNICAL DATA SHEET
Fiber Optic Cleaning Kit



Fiber Optic Cleaning Kit

Product Overview

The Optical Fiber Cleaning Kit is a portable maintenance solution designed for cleaning fiber optic connectors and adapter interfaces (SC, LC, FC, ST, etc.). It ensures low insertion loss and optimal signal transmission by removing dust, oil, and contaminants from fiber end faces.

This type of kit is widely used in FTTH, telecom networks, data centers, and fiber installation/testing environments.

Kit Components

- **Fiber Cleaning Cassette (Reel Type Cleaner)**
 - For SC / FC / ST / LC connectors
 - ≥ 500 cleaning cycles
- **1.25 mm Cleaning Pen**
 - For LC / MU connectors
 - One-click cleaning mechanism
 - Up to 800+ cleans per unit
- **2.5 mm Cleaning Pen**
 - For SC / FC / ST connectors
 - Push-type automatic cleaning
- **Cleaning Swabs**
 - For adapter and ferrule cleaning
 - Available in 1.25 mm & 2.5 mm sizes
- **Dust Blower (Air Pump)**
 - Removes loose particles without contact
- **Cleaning Fluid Bottle (Alcohol/solvent)**
 - For wet cleaning of stubborn contamination



- **Lint-Free Wipes**
 - Non-abrasive, anti-static
- **Cleaning Brush**
 - For general surface cleaning
- **Carrying Case**
 - Portable and protective storage

Technical Specifications

Parameter	Specification
Compatible Connectors	SC, LC, FC, ST, MU
Cleaning Type	Dry & Wet Cleaning
Cleaning Efficiency	-20 dB to -50 dB contamination removal
Cleaning Cycles	500–800+ per tool
Material	Anti-static resin & lint-free fabric
Operation	Manual (one-click / wipe / cassette)
Portability	Compact carrying kit

Key Features

- High cleaning efficiency for optical connectors
- One-click operation for quick field use
- Anti-static, lint-free cleaning materials
- Suitable for both patch cords and adapters
- Portable design for field technicians
- Supports multiple connector types

Applications

- FTTH / FTTx networks
- Data centers
- Telecom installations
- Fiber optic testing (OTDR, power meters)
- Maintenance & troubleshooting