

Technical Specifications

Parameter	Specification
Cleaning Type	Dry cleaning
Connector Types	SC, LC, FC, ST
Ferrule Diameter	1.25mm / 2.5mm
Cleaning Cycles	≥ 800 times
Material	Anti-static micro-fiber
Operation	One-push mechanical action
Compatibility	Adapter & connector interfaces
Application Temperature	-10°C to +50°C

Application Scenarios

1. Data Centers

High-density fiber environments require meticulous cleanliness. Fiber cleaners are used before every connection in:

- **patch panel**
- High-speed transceiver ports
- Cross-connect systems

2. FTTH / FTTx Deployment

During installation of:

- **distribution box**
- Drop cables
- **jumper** connections

Technicians rely on fiber cleaners to ensure stable signal delivery to end users.

3. Telecom Networks

Used in central offices and base stations to maintain:

- Backbone fiber connections
- Optical distribution frames (ODF)
- Splitter modules like **plc splitter**

4. Manufacturing & Testing

Essential in production lines for:

- Connector assembly
- Patch cord quality control
- Optical performance testing

Compatible Fiber Optic Components

This fiber cleaner integrates seamlessly with a wide range of fiber optic infrastructure:

Patch Cord

Cleaning before mating ensures low insertion loss and optimal transmission.

Jumper

Prevents contamination transfer between network segments.

PLC Splitter

Maintains optical efficiency in passive splitting systems, especially critical for FTTH networks.

Distribution Box

Ensures clean terminations in outdoor and indoor fiber distribution points.

Patch Panel

Supports high-density environments where connector cleanliness directly impacts network uptime.

How to Use

1. Remove protective cap from the cleaner
2. Align cleaner tip with connector or adapter interface
3. Insert gently into the port
4. Push until a “click” is felt
5. Remove cleaner—surface is now clean

No additional solvents or wipes are required.