D-TECH Fiber cleaver DT-10

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Variants

Black Logitech Blue Tiffany blue Orange

Details

The **High Precision Fiber Cleaver** is designed for accurate and stable optical fiber cutting during fusion splicing, FTTH installation, ISP maintenance, and telecom fiber projects. Built with an aluminum alloy body, soft rubber protection, stainless steel slide, and 3-in-1 fiber holder, it provides smooth operation, high durability, and reliable cleaving performance.

Cleaving Angle	**? 0.8°**
Blade Life	**48,000**
Fiber Holder	**3-in-1**

Weight

266g

Key Advantages

No.	Description
1	Soft rubber cushions impact during accidental drops.
2	Multi-color design provides multiple appearance options.
3	Aluminum alloy body with sandblasting and anti-rust treatment ensures corrosion resistance and long service life.
4	Four-column support structure provides high impact resistance, stable performance, and easy adjustment.
5	Upgraded 4mm shaft improves strength and stability compared to standard 3mm shaft designs.
6	Patented ball groove mechanism enables automatic reset after impact.
7	High-elastic rubber and 3-in-1 fixture help prevent fiber breakage.
8	Oil, alcohol, and abrasion-resistant pressure pads ensure long-term stable operation.
9	High-precision stainless steel slides provide smooth and accurate cutting.
10	Automatic return design improves cutting efficiency during field work.

Technical Specifications

Parameter	Details
Material & Surface	Aluminum, Soft Rubber
Cutter Specification	Single-core quartz fiber, Inner Bore Ø4mm, External Ø22mm
Coated Fiber Diameter	Ø0.25 / 0.9 mm (125?m)
Cladding Diameter	125?m
Cleaving Length	9–16mm (0.25mm), 10–16mm (0.9mm)
Size	60 × 57 × 46 mm
Weight	266 g
Fiber Holder	3-in-1 Fiber Holder
Blade	?92.5HRa, Size: 22 × 4 × 2 mm
Cleaving Angle	? 0.8°
Blade Life	Up to 48,000 Cleaves
Pressure Pad	Stainless Steel or Plastic

Applications

Fusion Splicing Preparation

FTTH Installation

ISP Maintenance

Telecom Fiber Projects

Data Center Cabling

Optical Fiber Repair Work

Note:
For best cleaving performance, clean the fiber properly before cutting, keep the blade and V-groove clean, and rotate the blade position when cleave quality decreases.