BICONNECTIONS

Technical Specifications Acrylate Stripper for FTTH (250 µm, 900 µm and 3 mm)

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ACRYLATE STRIPPER FOR FTTH (250 µm, 900 µm AND 3 mm) – Technical Specifications

1 – Introduction
The Acrylate Stripper for FTTH is a tool designed for the installation and maintenance of residential and business fiber optic networks, allowing precise and clean removal of the coating without damaging the fiber core.

Its ergonomic, lightweight, and compact design provides a comfortable and secure grip, ideal for extended use in the field or laboratory.

2 – Description
It enables the removal of 250 µm, 900 µm, and 3 mm coatings on optical fibers with a 125 µm core, ensuring a uniform cut without scratches or fractures.

It features three calibrated and clearly marked holes for different fiber diameters, optimizing work precision.

The high-strength metal body and plastic-coated non-slip handles ensure control, durability, and operational efficiency.

3 – Materials and Construction

Component	Material	Characteristics
Cutting blades	AISI 1065 steel	High hardness, precise sharpening, and long durability.
Structural body	Forged steel	Resistant to impact and torsion.
Handles	Plastic with ergonomic coating	Thermal insulation and comfort for extended use.
Screws	Stainless steel	Corrosion-resistant, factory-adjusted.
Markings	Indelible and resistant	Permanently engraved on the body.

4 – Technical Properties

Property	Value
Working range	250 µm / 900 µm / 3 mm
Compatible fiber diameter	125 µm
Total length	130 – 150 mm
Weight	< 90 g
Stripping holes	3 (identified by size)
Blade opening	V-type (precise acrylate removal)
Factory adjustment	Yes (no additional calibration required)

5 – General Characteristics
- Compact and lightweight design, ideal for field or cabinet tasks.
- High stripping precision without damaging the fiber core.
- Visible diameter identification, engraved or marked.
- Superior ergonomics to reduce operator fatigue.

- Factory-adjusted, ready for immediate use.
- Compatible with all FTTH, FTTx, and single-mode/multimode FO systems.

6 – Packaging and Presentation

- Each unit is delivered in an individual plastic or cardboard box that protects the product during transport and storage.
- Bulk packaging is grouped in corrugated cardboard boxes under safe stacking conditions.
- For export, wooden packaging complies with ISPM No. 15 for phytosanitary treatment.