

Lightweight Cable Preparation Tool – T03 Specification



Product Description

The OPT Services Light Weight Cable Preparation Tool (T03) is a small nananeia precision instrument employing a fixed blade and custom profiled Cassette mechanism. The Cassettes clamp over a cable to safely and accurately slit the sheath exposing the individual elements inside.

All our tools are designed and manufactured in the UK to very high standards and tested to provide a precise and long-lasting service. This tool comes with a life time guarantee for its fixed blades.

The unit is precision moulded and hand assembled in the UK.

Design Features

- In house 3D moulded hardwearing ABS cassette
- Durable glass filled plastic outer casing
- Fixed Stainless steel blade no user adjustments required with a Life Time Guarantee*
- Ergonomic and compact design
- Compatible with the TO2 Cable Preparation Tool range of Cassettes

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Application Notes

The use of the OPT custom profiled cassettes and a fixed blade within these tools ensures the depth of cut is always correct, thus eliminating any potential damage of internal cable components.

The 6mm / 0.5mm Fibre cable sheath cutter (OPT-T0296) is designed to be used with OFS 96f MiDia GX and 192f MiDia200 Micro GX. However, it can also be used on all micro 6mm optical fibre with a sheath wall thickness of 0.5mm.

The 8mm / 0.75mm Fibre cable sheath cutter (OPT-T0295) is designed to be used with OFS 288f MiDia Micro GX. It can also be used on all 8mm micro optical fibre with a sheath wall thickness of 0.7mm.

The 3 in 1 MDU FTTx Fibre stripper(OPT-T0298) is designed with the ability to strip 3 x different cable types used in a Multi-Dwelling installation environment. This tool has 3 x sets of blades and 3 x channels so it can strip:

- Inside Living unit OFS InvisiLight 8f-12f-16f cable or
- 3mm 12f OFS M-Pack® Indoor/Outdoor MDU Drop Cable or
- 3.8mm 24f OFS M-Pack® Indoor/Outdoor MDU Drop Cable

Note – The range of cassettes that is available for the Cable Preparation Tool - T02, will also fit this tool, thus increasing the choice of cable stripping options. The cassettes from the T02 tool range have cutting discs, rather than static blades. This means they are covered by the OPT Services life time guarantee, even when installed in a T03 handle.

If you have an alternative cable we can advise suitability and even perform tests to ensure 100% compatibility. Please contact us for more information.



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^{*} Lifetime guarantee covers blades only. We will replace and return them free of charge. Please see our lifetime guarantee policy for full T&C.



3 in 1 MDU FTTx Fibre stripper images



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Components & Part Numbers

By default, all our T03 tools are supplied with their profiled cassettes already installed. The current range consists of:

| Complete Tool sets | | |
|--------------------|---|--|
| Part Number | Description | |
| OPT-T0215 | 10, 10B & 11 (Ø5.3mm) Drop Cable Sheath Splitter | |
| OPT-T0275 | Ø5.0mm Blown Fibre Tube Cutter | |
| OPT-T0295 | Ø8mm / 0.75mm Fibre cable sheath cutter (Static Blade) | |
| OPT-T0296 | Ø6.0 / 0.5mm Fibre cable sheath cutter (static blade) | |
| OPT-T0297 | Ø5.2mm / 0.5mm Fibre cable sheath cutter (Static Blade) | |
| OPT-T0298 | 3 in 1 MDU FTTx Fibre stripper (Static Blades) | |

As well as the standard tools above, the replacement Cassettes available for the T02 tool, also fit the T03, thus increasing the range of cable stripping options.

A new T03 tool can be supplied with a pair of T02 Cassettes pre-installed as a bespoke option.

These custom selections are available on request. Please contact OPT Services for more details.

| T02 Cassette Options | | | | |
|----------------------|--|--|--|--|
| Part Number | Description | | | |
| OPT-T0135 | Ø6mm - BFD – Copper Hybrid Cable Web Separating Cassette | | | |
| OPT-T0136 | Ø7mm - 36 fibre Sheath Stripper Cassette | | | |
| OPT-T0137 | Ø7mm – 36 / 48 fibre Sheath Stripper Cassette | | | |
| OPT-T0138 | Ø6mm - 4 & 12 fibre Sheath Stripper Cassette | | | |
| OPT-T0139 | Ø7.2mm - COF 205 Sheath Stripper Cassette | | | |
| OPT-T0140 | Ø6.5mm - COF 205 Sheath Stripper Cassette | | | |
| OPT-T0184 | Ø6.7mm x 3.2mm – COF250 12 fibre Flat Drop cable Stripper Cassette | | | |
| OPT-T0267 | Ø8.1mm x 4.5 mm 8 fibre Flat Drop Sheath Stripper Cassette | | | |
| OPT-T0294 | Ø5mm - 12 fibre Ultra light weight cable stripper Cassette | | | |





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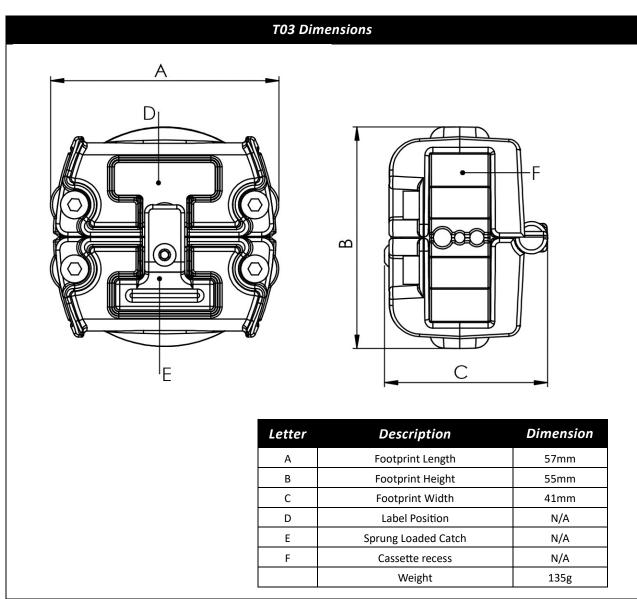
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Technical Details

| Characteristic | |
|---------------------------------|-------------------|
| T03 Tool Weight (with Cassette) | 140g |
| Environment | Indoor or Outdoor |
| Temperature Operating range | -25 to +75 ºC |
| Protection Rating | N/A |

Dimensions



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Bill of Materials

| Component | Colour | Material |
|--|--------|---|
| Cassette Holder / Handle | Red | PA66 + 30%GF |
| Hinge | Silver | Stainless Steel 303 |
| Label | White | Vinyl / Domed Meniscus Top |
| M3 x 3 Button Head Screw | Silver | Steel |
| M3 x 8-Button Head Screw | Silver | Steel |
| M4 x 12 SKT CAP A2 Screw | Silver | Steel |
| M3 & M4 inserts | Gold | Brass |
| T-Clip | Black | PA66 + 30%GF |
| Compression Spring | Silver | Stainless Steel |
| Cassette(s) | Black | 3D printer filament of an ABS plastic blend |
| Plastic Cassette Bi-directional Blade(s) | Silver | Hardened Steel |

All External surfaces of ASA or ABS moulded components have the commercial polish, light spark 30 VDI finish applied. This is to reduce production marks and increase visual appeal and user grip.

Packaging & Labelling

All OPT Services products are dispatched in recyclable materials and clearly labelled with our name, product code and description where applicable. A QR-Code on the label can be used to access the online instructions, meaning they are readily available at all times. If this is not available, user guides are included as part of the kit.

OPT Services are accredited for Sustainable Packaging and documentation

| Packaging H x W x D | Dimension |
|---------------------|--|
| Height | 97mm |
| Width | 85mm |
| Depth | 50mm |
| Packaged Weight | 257g |
| | MODE FIRST STREPPER OFFI NESSESTATION OFFI NESSE |

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Appendix 1 - Abbreviations

| Abbreviation | Explanation |
|--------------|--|
| ASA | Acrylonitrile Styrene Acrylate – weather resistant thermoplastic |
| ABS | Acrylonitrile Butadiene Styrene - heat-resistant thermoplastic |
| BFD | Blown Fibre Drop – type of tubing used for blown fibre installations |
| CAP | Cap head – screw type |
| PA66 | Polyamide 66 = Nylon 6/6 |
| PA66 30GF | 30 % glass fibre reinforced PA 66 |
| QR | Quick Response or two dimensional barcode |
| RAL | RAL is a colour management system used in Europe |
| SKT | Socket - screw type |
| ULW | Ultra-Light Weight – type of overhead cable |
| VDI | Verein Deutscher Ingenieure – scale of surface finishes |

OPT Services are product specialists for fibre networks







R&D Concept to Completion

- Over 130 years of Experience
- Inhouse Prototyping
- CNC & Injection Moulding
- 3D Print Lab
- 70+ Established Products

Services

- Cable Install & Assessment Site
- Training Studio Facilities
- Graphic Design
- Assembly & Rework
- Cable Winding

Logistics

- Storage & Delivery
 - 2800m² of floor space
- 1700+ Pallet Spaces
- PROSKU Management System
- Fleet of Logistics Options

Call us with any queries: 01473 612188

End of Specification

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