

STRIPPING TOOLS FOR OPTICAL FIBERS (FIBER STRIPPERS)

Precision fiber strippers for industrial use



PRECISE REMOVAL OF THE FIBER BUFFER/COATING

Fiber strippers are needed to precisely remove the buffer/coating from the fiber without damaging the fiber cladding. Our stripping tools for optical fibers are 100 % manufactured in-house, from injection molding to the special machining of the blades. The marking and labeling on these stripping tools can be freely defined, allowing an individual company logo to be applied.

Our fiber strippers are available for optical fibers with different diameters. The first number in the designation stands for the diameter of the closed blades, i.e., the fiber cladding diameter must be smaller than this value to avoid damaging the fiber cladding. The second number represents the diameter of the front bore hole with open blades, i.e., the buffer diameter must be smaller than this value so that the fiber can be inserted into the front bore.

0.20/0.65, for example, means:

- / Diameter of the closed blades: 200 μ m
- / Diameter of the front bore hole: 650 μ m

The blue fiber strippers are suitable for all fibers with 125 μ m cladding and are mainly used for data communication applications. The red fiber strippers are used in industrial applications such as fiber assembly shops and fiber manufacturing. Both have a fixed diameter. The yellow fiber stripper is variably adjustable. Different diameters can be selected using a rotary wheel. They are mainly required for polymer optical fibers (POF), used over short distances.

FEATURES

- / Customized labelling of the stripper on request (private label)
- / Very high blade precision thanks to in-house precision manufacturing
- / Adaptable to customer-specific fibers
- / Suitable for right- and left-handed users
- / Standard types available from stock

APPLICATIONS

- / Fiber assembly
- / Installation
- / Fiber manufacturing/Tensile testing

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SPECIFICATIONS / ORDERING INFORMATION

Name	Suitable for fibers with cladding Ø [µm]	Part Number
Fiber Stripper blue 0.18/0.30	125	2011577
Fiber Stripper red 0.20/0.65	150 – 200	2011586
Fiber Stripper red 0.25/0.65	200 – 230	2011582
Fiber Stripper red 0.30/0.90	230 – 290	2011578
Fiber Stripper red 0.40/1.10	290 – 390	2011579
Fiber Stripper red 0.50/1.20	390 – 490	2011580
Fiber Stripper red 0.60/1.30	490 – 590	2011585
Fiber Stripper red 0.70/1.20	590 – 690	2011588
Fiber Stripper red 0.80/1.70	690 – 790	2011581
Fiber Stripper red 1.00/2.20	890 – 990	2011583
Fiber Stripper red 1.10/2.20	990 – 1090	2011591
Fiber Stripper yellow 0.12, 0.16, 0.20, 0.25, 0.30, 0.40	110 – 300	2011589
Fiber Stripper yellow 0.30, 0.40, 0.50, 0.60, 0.80, 1.00	250 – 900	2011584

Other types on request

PRODUCT CHANGES AND LIABILITY

LASER COMPONENTS reserves the right to make changes to the product specifications and/or discontinue products without prior notice. While every effort has been made to ensure the accuracy and reliability of the information provided in this datasheet, LASER COMPONENTS accepts no liability for any errors, omissions, or the consequences of product use. It is the responsibility of the customer to ensure that the product is suitable for their specific application and to comply with all applicable laws and regulations.

ORDERING INFORMATION

Products can be ordered directly from LASER COMPONENTS or its representatives. For a complete listing of representatives, visit our website at www.lasercomponents.com

Custom designed products are available on request.

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