



Manufacturer:
AFL

Product Name:
AFL RS02 Thermal Fiber Stripper for up to 16-Fiber Ribbon

Manufacturer Part Number:
S016816

▶ [Click here for more details on the AFL RS02 Thermal Fiber Stripper for up to 16-Fiber Ribbon](#)

Thermal Strippers

The RS01, RS02, RS03 and RS03-80 Thermal Strippers provide superior stripping performance for both single and multi-fiber stripping. The fast heating time of 3 seconds speeds productivity. The ergonomic design, combined with the low level of force needed for stripping, makes the RS series comfortable and easy to use for high fiber count applications. The strippers are also capable of stripping 200 µm coated fibers and ribbons. An audible beep and illuminated LED signal indicate that the proper heating temperature has been reached. A temperature selection switch permits easy field optimization for different fibers or operating conditions. These strippers accept all Fujikura field and factory style fiber holders.

Bluetooth® capabilities on the RS02 and RS03 models provide a convenient way to program the stripper for user preferences via an Android or iOS smartphone app. The RS03 model includes a powerful Lithium-Ion battery that delivers enough power for 600 stripping cycles. The RS03-80 is offered for stripping 80 µm cladding fiber applications.

For those situations and locations where Bluetooth-enabled devices are not permitted, the RS01 model is available with all of the features of the RS02 model but without the Bluetooth technology.

Features

- 3 Second heating time with beep and LED notification
- Low pulling force needed for stripping
- Stripping capability for 200 µm coated fibers and ribbons
- Ergonomic design
- Bluetooth capable for wireless connection with smartphones (RS02, RS03 and RS03-80)
- High capacity battery provides approximately 600 stripping cycles (RS03 and RS03-80)



Ordering Information

| Description | AFL No. |
|--|----------------|
| Strippers | |
| RS01 Thermal Stripper | S016815 |
| Includes: RS01 Thermal Stripper, DCC-11 and Instruction manual | |
| RS02 Thermal Stripper | S016816 |
| Includes: RS02 Thermal Stripper, DCC-11, HEX-01 Hex Wrench, BRS-02 Brush and Instruction manual | |
| RS03 Thermal Stripper | S016817 |
| Includes: RS03 Thermal Stripper, BTR-12 Battery Pack, ADC-09A AC Adapter for RS Series Thermal Strippers, ACC-09 AC Power Cord (for ADC-09A), HEX-01 Hex Wrench, BRS-02 Brush and Instruction manual | |
| RS03-80 Thermal Stripper | S016842 |
| Includes: RS03-80 Thermal Stripper, BTR-12 Battery Pack, ADC-09A AC Adapter for RS Series Thermal Strippers, ACC-09 AC Power Cord (for ADC-09A), HEX-01 Hex Wrench, BRS-02 Brush and Instruction manual | |
| POWER SUPPLY | |
| ADC-09A AC Adapter (RS01/RS02/RS03) | S016820 |
| ACC-09 Power cord | S014390 |
| BTR-12 Battery (RS03) | S016832 |
| Miscellaneous | |
| SPA-RS02-08 SPACER | S016818 |

Contact the professionals at Fiber Optic Center for a quote or to get more details.

focenter.com • 508-992-6464 | (800) 473-4237 • sales@focenter.com

23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 12/30/2025.



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Specifications

| Model | RS01 | RS02 | RS03 | RS03-80 |
|--------------------------|---|--|--|---------------|
| Applicable optical fiber | Glass optical fibers, capillary | | | |
| Fiber count | 1 to 16 | | | Single |
| Cladding diameter | 125 µm | | | 80 µm |
| Coating diameter | | 200 to 400 µm | | 150 to 250 µm |
| Stripping length | Up to 35 mm | | | |
| Typical heating time | 3 sec. | | | |
| | 5 sec. at Eco mode | | | |
| Heating temperature | 85° - 140°C | | | |
| Fiber holder | All FH-40, FH-50, FH-60, FH-70, and FH-100 series fiber holders (except FH-50-250 and FH-50-900) | | | |
| Wireless connectivity | N/A | Bluetooth®4.1 LE*1 OS:Android 5.0 or above , iOS 8.0 or above (iPhone6 or above) | | |
| Dimensions | 155.5 (W) × 48.7 (D) × 32.5 (H) mm | | 155.5 (W) × 48.7 (D) × 36.8 (H) mm | |
| Weight | 185 g | 265 g (with Battery) | | |
| Power supply | AC Adaptor Input: 100 to 240V, 50/60 Hz, Max – 0.58 A Output: Approx. DC 12 V, Max 2A DC External Supply: DC10 to 17V, Max – 1A | | AC Adaptor Input: 100 to 240V, 50/60 Hz, Max – 0.58 A Output: Approx. DC 12 V, Max 2 A DC External Supply: DC10 to 17 V, Max – 1 A BTR-12 Battery: DC7.2 V, 1840 mAh (Rechargeable Lithium Ion) | |
| Battery capacity | N/A | | | |
| Recharge Time | Approx. 600 strips with Eco mode | | | |
| Battery Life | Approx. 2 hr from empty Approx. 500 recharge cycles | | | |
| Operating conditions | Temperature: -10 to 50°C, Humidity: 0 to 95% RH (Non-condensing) | | | |
| Storage conditions | Temperature: -20 to 60°C, Humidity: 0 to 95% RH (Non-condensing) | | | |

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