Manufacturer:
AFL

Product Name:
AFL PowerCleave High Strength Single Fiber Cleaver (80-200um)

Manufacturer Part Number:
S009972

PowerCleave®

To complement the line of world class splicing systems, AFL's PowerCleave combines the precision of an ultrasonic cleaver with the ease and improved fiber management of the Fujikura fiber holder system. The PowerCleave utilizes the tensile stress method to avoid touching or damaging the bare glass surface during cleaving, ensuring highly robust, reliable and durable splice results. The PowerCleave provides consistent flat ends even at cleave lengths as short as 3 mm. Specially designed for use with Fujikura's specialty market splicers, this advanced cleaving system allows for more reliability and greater splicing consistency with less dependence on operator technique.

Features

- Tensile cleaving with ultrasonic blade
- Consistent, low-angle cleaves of short cleave-length fibers
- Fiber holder system reduces fiber handling
- Clean, reliable quality

Specifications

PARAMETER	VALUE
Fibers Cleaved	80 µm - 200 µm (cladding diameter)
Minimum Cleave Length	3 mm
Cleave Angle	<0.6 typical
Blade	Diamond with an estimated life of over 20,000 cleaves
Clamping System	Compatible with Fujikura specialty market fiber holder systems
Case	ABS impact resistant with non-slip feet and a 6.25 mm (.24 inch) BSW thread tripod mount for hard mounting to a workstation
Battery	9V alkaline (MN 1604), battery life approximately 10,000 cleaves
Dimensions (L x W x D)	75 mm x 153 mm x 150 mm (3.0 x 6.0 x 5.9 inches)
Weight	1.1 kg (2.4 lbs)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)

Ordering Information

DESCRIPTION	AFL NO.
PowerCleave Kit Includes: PowerCleave, Instruction manual, 2.5 mm x 60 mm Screwdriver and 2 mm Allen wrench	S009972