



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. PowerCleave's tensile cleaving method includes a tension clamping system and a diamond-tipped ultrasonic blade, allowing for consistently flat ends even at cleave lengths as short as 3mm. Specially designed for the FSM-45F/ PM fiber holders, 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	80µm - 200µm (cladding diameter)
Minimum Cleave Length	3mm
Cleave Angle	<0.6 typical (95% of cleaves)
Blade	Diamond with an estimated life of over 20,000 cleaves
Clamping System	Compatible with Fujikura 40F/PM fiber holders
Case	ABS impact resistant with non-slip feet and a 6.25mm (.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)	75mm x 153mm x 150mm (3.0 x 6.0 x 5.9 inches)
Weight	1.1kg (2.4 lbs)
Operating Temperature	0 to 45°C (32 to 113°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
CE Conformity	Fully complies with all EC equipment guidelines according to the CE declaration of conformity

Ordering Information

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