

CT50

Optical fibre cleaver

FEATURES

- Active Blade Management Technology
- Easy maintenance
- Single action operation
- Easy access and longer stripped fibres



FIBRE TYPE	Single-mode and multi-mode optical fibre
FIBRE COUNT	Single and up to 16-fibre ribbon
CLADDING DIAMETER	Approx. 125 µm
COATING DIAMETER	Max. 900µm, max. 3mm cord and drop cable
CLEAVING LENGTH - AD-50¹	5mm to 20mm (250µm coating diameter) and 10mm to 20mm (coating diameter less than 250µm)
CLEAVING LENGTH - AD-10-M24¹	5mm to 20mm (250µm coating diameter) and 10mm to 20mm (coating diameter less than 250µm)
CLEAVING LENGTH - FIBRE HOLDER	10mm (from the edge of FH: 13mm)
CLEAVING ANGLE²	Single-fibre: avg. 0.3° to 0.9°, fibre ribbon: avg. 0.3° to 1.2°
BLADE LIFE³	60,000 fibres (1,250 fibre at three heights over 16 positions)
WIRELESS CONNECTIVITY⁴	Wireless technical standard: Bluetooth®4.1 LE
POWER SUPPLY	2 AAA (LR03) dry battery
DIMENSIONS⁵	117mm [W] x 94mm [D] x 59mm [H]
WEIGHT	360g
OPERATING TEMPERATURE	-10° to 50°C
OPERATING HUMIDITY	0 to 95% RH non-condensing
STORAGE TEMPERATURE	-40 to 80°C
STORAGE HUMIDITY	0 to 95% RH non-condensing
SCREW HOLE FOR TRIPOD	1/4-20 UNC
OTHER FEATURES	Blade rotation (motorised rotation, manual rotation dial), replaceable parts (blade, clamp arm)

¹When the cleave length is less than 10mm, the coating diameter should be 250µm or less. Also, a blade height adjustment is required before cleaving. The average cleave angle is worse than the specification when the cleave length is less than 10mm.

²Measured with an interferometer at room temperature, not with a splicer. A new blade was used to cleave both the single fibres and ribbon fibres. The average cleave angle changes depending on the environmental conditions, blade conditions, operating method, and cleanliness.

³The blade life changes depending on the environmental conditions, operating method, and the fibre type cleaved.

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⁵Measured in a condition when closing the lever.