

MAUNT®

M10000388
Cleaver CT-52, Fujikura



Description

The Fujikura CT-52 is used to accurately cut glass fibres. This cleaver ensures that the fibre is cut straight, making it easy to splice it to another fibre. The CT-52 also allows the cleave length to be reduced to 8 mm for fibres with a 900 µm buffer and only 3 mm for fibres with coatings of 250 µm and 400 µm.

Brand

Fujikura



Technical specification

Fibre type	Singlemode and multimode
Fibre count	Single fibre
Cladding diameter	Approx. 125µm
Fibre setting plate	AD-10-M24: Max. Coating diameter 900 µm AD-50: Max. Coating diameter 3 mm
Fiber holder	Approx. 8 to 10 mm, standard 9 mm
cleavehoek ^{*1}	Average 0.3 to 0.9 degrees (Single fibre)
Blade life ^{*2}	Approx. 60,000 fibre gaps
Dimensions (WxDxH)	Approx. 119 x 94 x 59 mm (without projections) ^{*3}
Weight	Approx. 306g (including battery and AD-10-M24)
User conditions	0 to 50 degrees °C, 0 to 95% RH, (no dew)
Storage conditions	-40 to 80 °C, 0 to 95% RH, (no dew)
Battery	2 pieces LR03, AAA dry battery
Wireless interface ^{*4}	Bluetooth 4.1 LE
Screw hole for tripod	1/4-20UNC
Blade rotation	Motorised rotation & Manual rotary knob
Replaceable parts	Blade & clamp arm

^{*1}: Measured with an interferometer at room temperature, not with a Fusion splicer. A new blade was used to cleave individual fibres. The average cleave angle changes depending on environmental conditions, blade condition, operating method and cleanliness.

^{*2}: The life of the blade changes depending on the environmental conditions, operating method and the type of fibre cleaned.

^{*3}: Measured in a state where the lever is closed.

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