

MAUNT

M10000376
Cleaver CT-101, Fujikura



Description

Fujikura's CT-101 cleaver is used for straight cutting of silica fibres with a sheath diameter of 80 μm to 250 μm and can also accurately cleave fibres at an angle. Equipped with a motorised diamond blade, the CT-101 offers high-performance cleaving capacity and quality once tension is applied. This composition ensures that the fibre is cut straight, allowing easy splicing with another fibre. The CT-101 is compatible with FH- 100 fibre holders. The adaptability of the CT-101 allows the cleave length to be adjusted from 3 mm to 40 mm, and the cleave angle is adjustable from 0 to 15 degrees.

Brand

Fujikura



Technical specifications

Applicable fibres	Conventional silica single mode fibre Cladding diameter. : 0.80 to 0.250 mm Coating diameter : 0.16 to 2.00 mm
Cleavelength	3 to 40 mm
Fiber holder	FH-100 series
Performance of the cleave corner	Typically 0.30 deg. (125 µm SMF)
Range of cleave angle	0 to 15 degrees (adjustable)
Knife	Material : Diamond Lifetime: 20,000 fibres (1,000 fibres x 20 points) (125 µm SMF)
Dimensions (W/D/H)	140 W / 110 D / 95 H [mm]
Weight	900 grams or less (batteries optional)
Power source	AC : 100 to 240 V (50/60 Hz) with ADC-16 DC : "AA" size battery 4pcs. (number of 1,000 fibres)
User conditions	Temperature : 0 to 40 °C / Humidity : 0 to 95% RH (non-dew)
Storage conditions	Temperature: -40 to 80 °C / Humidity: 0 to 95% RH (non-dew)