K-MSAT5 Mid-Span Access Tool

Shaves a window into one loose buffer tube mid-span — the cable stays whole, the express fibers keep running, and only the fibers you need come out.

Most fibers in a loose tube cable are express fibers: they pass straight through every closure on the route and are never spliced there. Only a few fibers in one tube are needed at any given point — for a drop, a branch, or a repair. The K-MSAT5 opens that one tube in place: the tube is laid along the body, the hinged lid is latched over it, and drawing the tool along shaves a slot in the top wall of the tube, so the fibers are exposed in a window without the cable — or the tube — ever being cut through.



K-MSAT5 open — the blade channel across the body and the tube troughs at both ends

Key Features

- Opens the tube, not the cable: a window is shaved into one loose buffer tube mid-span, so a drop or branch can be spliced at any point along the route — the cable is never cut through
- Express fibers pass through untouched: fibers not needed at this point stay inside the opened tube and run on uncut and un-spliced, so adding a branch interrupts nothing already carrying traffic
- Five sizing channels built into the body gauge the tube on the tool itself — 1.9, 2.2, 2.5, 2.7 and 3.0 mm — and centre it for an even shave
- Nothing to adjust: the blade stands at a factory pre-set depth, so it shaves through the tube wall and stops at the fibers — no depth to set, no dies to swap between tube sizes
- The hinged lid closes over the tube where it lies and latches for the whole draw, holding the tube seated in its troughs so the window runs straight
- The blade sits under a plate fixed by two screws — a dull blade swaps out with a screwdriver instead of retiring the tool
- Pocket-size impact-resistant polymer body at 38.5 g, blade covered when latched — it rides in a kit or a pocket between closures
- Private labeling made to your requirements — labels with your logo, part numbers and barcodes on the inner boxes and outer cartons, ready for your warehouse

Specifications

Function	Mid-span access — shaves a window in a loose buffer tube in place, without cutting the tube off or cutting the cable
Buffer tube diameter	1.9–3.0 mm
Sizing channels	5 built-in channels — 1.9 / 2.2 / 2.5 / 2.7 / 3.0 mm — gauge the tube and centre it for the shave
Blade	Single straight blade seated in a fixed channel across the body — shaves the tube wall lengthwise
Blade setting	Factory pre-set depth — no adjustment, no die changes between tube sizes
Blade cover	Blade seated under a plate fixed by two screws — the blade is replaceable
Body	Impact-resistant moulded polymer, hinged lid with latch, tube troughs at both ends
Color	Yellow
Dimensions	99 × 38 × 18 mm

Weight	38.5 g

Two More Views

Closed, the tool is a flat hinged body with a cable trough at each end — the tube runs straight through it, entering and leaving along the line of the cable, which is what makes the shave a mid-span operation rather than an end one. From underneath, the blade shows in its slot under the cover plate fixed by two screws, with the five sizing channels graded along the edge beside it.



Closed — hinged lid latched, tube troughs at both ends



Underside — blade under its two-screw plate, sizing channels along the edge

In Use

Window the cable jacket and separate the buffer tubes, coiling the tubes you are not touching into the tray. Gauge the target tube against the sizing channels on the tool — the channel it drops into is its size — then lay the tube along the body, seat it in the troughs, and close the lid until it latches. Draw the tool along the tube in one steady pass: the blade shaves a slot along the top wall, and lifting the shaved strip away exposes the fibers in the window. Count and identify the fibers before cutting anything: splice the fibers being dropped, and dress the express fibers straight through the tray, still inside their opened tube. Afterwards, wipe the gel from the troughs and the blade channel and store the tool latched shut.

OEM & Private Label

The K-MSAT5 is supplied in neutral, unbranded stock as standard. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the tools, the inner boxes and the outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.