Fiber Cold Splice KW-07 — Mechanical Splice, Ceramic & Metal

The 90 mm mechanical cold splice that joins two fibers with no splicer and no power — in ceramic and metal V-groove versions.

A cold splice is a precision V-groove in a 90 mm body. Two cleaved fibers slide in from opposite ends, meet in the groove over index-matching gel, and the caps lock them in alignment. No arc, no battery, nothing to charge — which is why cold splices ride in every repair kit even where splicers exist.



KW-07 — KW-07 fiber cold splices, ceramic and metal mechanical splice bodies

Key Features

- Our own KW-07 — The 90 mm mechanical cold splice that joins two fibers with no splicer and no power
- 90 mm body in two builds: ceramic V-groove for the best stability, metal for the economy tier
- Index-matching gel at the joint; typical insertion loss ≤0.3 dB
- The emergency-repair staple: a broken drop is carrying traffic again in minutes
- Private labeling made to your requirements — your labels, part numbers and barcodes on the bags, boxes and cartons

Specifications

Product	Mechanical cold splice (fiber-to-fiber joint)
Versions	Ceramic V-groove · metal V-groove
Length	90 mm
Fiber	Single-mode 250 µm coated and 900 µm tight-buffered
Insertion loss	Typical ≤0.3 dB
Operating temperature	-40°C to +75°C
Termination	Hand tools only — stripper and cleaver

Two Views



Components view



Components view

In Use

Strip and cleave with the length-setting jig where the family uses one, terminate as the construction directs, and test. Order by polish (APC or UPC) and by the exact cable you are terminating — flat drop or round, with its size — and the connectors arrive matched to the job, in bulk or in your packaging.

Private Label & OEM

The K-CB550R 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 inner boxes and 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.

In the Box

KW-07 cold splice ×1 (ceramic or metal version as ordered).