FC Fast Connectors KW-03 — FC/APC & FC/UPC Crocodile-Mouth

Field assembly FC connectors with the crocodile-mouth clamp — 55 mm, in APC and UPC, for the FC ports still all over test gear and legacy plant.

FC's screw-on coupling is the oldest connector interface in the fiber world, and it refuses to retire: test instruments, older transmission plant and plenty of industrial kit still wear FC ports. KW-03 terminates FC in the field the fast way — pre-polished stub, V-groove, and a crocodile-mouth housing whose jaws clamp the cable as it closes.



KW-03 — KW-03 FC/APC fast connector with crocodile-mouth housing

Key Features

- Our own KW-03 — Field assembly FC connectors with the crocodile-mouth clamp
- Crocodile-mouth clamp housing (55 mm) — the jaws grip the cable jacket as the body closes
- Pre-polished ceramic ferrule and mechanical splice inside, like the rest of the fast family
- Insertion loss typical ≤0.3 dB (max ≤0.5 dB); return loss ≥50 dB UPC and ≥55 dB APC
- Private labeling made to your requirements — your labels, part numbers and barcodes on the bags, boxes and cartons

Specifications

Connector type	FC field assembly (fast) connector, mechanical splice, pre-polished
Variants	FC/APC (green) · FC/UPC (blue)
Construction	Crocodile-mouth clamp type, 55 mm
Fiber	Single-mode G.652D / G.657A
Applicable cable	Round Ø2.0 / Ø3.0 mm; 0.9 mm tight-buffered
Ferrule	Zirconia ceramic, 2.5 mm
Insertion loss	Typical ≤0.3 dB, max ≤0.5 dB (1310 / 1550 nm)
Return loss	UPC ≥50 dB · APC ≥55 dB
Tensile strength	≥50 N (drop cable) · bare fiber fastening >5 N
Durability	500 matings, ΔIL ≤0.3 dB
Operating temperature	-40°C to +75°C

Two Views



FC/UPC version



FC/UPC version

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-03 fast connector ×1 (polish as ordered).