Hardened SC Waterproof Fast Connectors KW-09 — IP68, Full-Size Interface

Full-size hardened SC waterproof connectors — the large-interface IP68 shell that mates the hardened ports on outdoor terminals, in fast and hot-melt inners.

Hardened networks standardise on a full-size waterproof SC interface at the terminal, and KW-09 is that connector: a field-installable SC — fast mechanical inner, or hot-melt if the crew fuses — sealed in the large IP68 shell with its bayonet-style coupling and tethered cap.



KW-09 — KW-09 hardened SC waterproof connector set with green SC/APC inner connector

Key Features

- Our own KW-09 — Full-size hardened SC waterproof connectors
- APC (green inner) and UPC (blue inner) versions
- Fast (mechanical) inner as standard; hot-melt (splice-on) inner also in range
- Cable versions for 2.0 / 3.0 / 5.0 mm round and 2×3, 2×1.6, 2×5 mm flat drop
- Private labeling made to your requirements — your labels, part numbers and barcodes on the bags, boxes and cartons

Specifications

Connector type	Hardened SC waterproof connector, full-size interface, field installable
Variants	SC/APC (green) · SC/UPC (blue)
Applicable cable	Round Ø2.0 / Ø3.0 / Ø5.0 mm; flat 2×3, 2×1.6, 2×5 mm, by version (one version 5.0 mm round only)
Inner termination	Mechanical fast type; hot-melt (splice-on) inner also available
Fiber	Single-mode G.652D / G.657A
Rating	IP68 sealed housing
Insertion loss	Typical ≤0.3 dB, max ≤0.5 dB (fast type, 1310 / 1550 nm)
Return loss	UPC ≥50 dB · APC ≥55 dB
Operating temperature	-40°C to +75°C

Two Views



UPC version



Fast inner connector parts

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-09 waterproof connector set ×1 (polish and cable version as ordered).