SC Hot-Melt Connectors KW-04 — SC/APC & SC/UPC Splice-On

Splice-on SC connectors: fusion-welded in the splicer for a true fused joint, in a 58 mm type and a 0.9 mm type, APC and UPC.

Hot-melt (splice-on) connectors take the opposite bet from fast connectors: instead of a mechanical V-groove joint, the field fiber is fusion-spliced to the connector's factory stub, and the heat-shrink sleeve seals the weld inside the housing. Any core-alignment splicer does it, and the result is optically a factory cord — with the length made on site.



KW-04 — KW-04 SC/APC hot-melt splice-on connector parts with protection sleeve

Key Features

- Our own KW-04 — Splice-on SC connectors: fusion-welded in the splicer for a true fused joint, in a 58 mm type and a 0.9 mm type, APC and UPC
- Two builds: the 58 mm type for drop and round cable, and the 0.9 mm type for tight-buffered fiber
- SC/APC (green) and SC/UPC (blue), factory-polished ferrules
- Heat-shrink protection sleeve included — the splice is sealed inside the connector tail
- Private labeling made to your requirements — your labels, part numbers and barcodes on the bags, boxes and cartons

Specifications

Connector type	SC hot-melt (splice-on) connector, fusion terminated
Variants	SC/APC (green) · SC/UPC (blue)
Versions	58 mm type for drop / round cable · 0.9 mm type for tight-buffered fiber
Fiber	Single-mode G.652D / G.657A
Applicable cable	Flat drop 2×3.0 mm; round Ø2.0 / Ø3.0 mm; 0.9 mm tight-buffered, by version
Ferrule	Zirconia ceramic, 2.5 mm
Insertion loss	Typical ≤0.3 dB after fusion (1310 / 1550 nm)
Return loss	UPC ≥55 dB · APC ≥60 dB
Operating temperature	-40°C to +75°C
Termination	Fusion splicer + heat-shrink sleeve (included)

Two Views



58 mm type — UPC



0.9 mm type — APC

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-04 hot-melt connector ×1 (polish and version as ordered) · Heat-shrink protection sleeve ×1.