

CamSplice™ Mechanical Splice, with logo

CORNING

Corning CamSplice™ mechanical splice is recommended for indoor or outdoor through or branch splicing, transition splicing between listed and non-listed cables, pigtail splicing and is ideal for emergency restoration. Incorporating a unique fiber alignment mechanism that self-centers the fibers and provides accurate alignment, the CamSplice mechanical splice requires minimal training and few accessories to assemble. Average “blind” (non-tuned) splice loss is specified at 0.15 dB with a maximum loss less than 0.3 dB.

The one-part-fits-all design accommodates 250/250, 250/900 or 900/900 μm applications with an optional lead-in tube for securing 900 μm fibers. With no adhesive or epoxy required, the assembly process involves stripping and cleaving fibers, inserting the fibers into the splice part until they touch and turning the cams to secure the fibers. No special tools or polishing is required, although an optional assembly fixture is recommended, and a self-contained tool kit is also available. A typical installation takes less than two minutes, and the completed splices fit in Corning splice trays as well as industry-standard splice trays.

Features and Benefits

No adhesive or epoxy required

Reduces splice time with no curing needed

Universal

One-part-fits-all-fiber-coatings

No polishing required

Reduces installation time

Fiber alignment mechanism

Self-centers the fiber for accurate alignment end and low loss



Part Number: 95-000-04



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Specifications

General Specifications

Technology	Mechanical Splice
Packaging	Bulk Pack
Product Type	Connector Tools and Tool Kits

Temperature Range

Operation	-40 °C to 75 °C (-40 °F to 167 °F)
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Design - Connector

Housing Color	Black
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Mechanical Specifications - Connector

Tensile Strength 250µ and 900µ Cable	2.2 N (0.5 lb)
Temperature Cycling	≤ 0.10 dB from -40 to +75°C
Connector Type	Camsplice™

Optical Specifications - Connector

Mean Splice Loss	≤ 0.15 dB
Blind Splice Loss	≤ 0.3 dB
Reflectance	≤ -45 dB (flat cleave)
Reflectance (angled cleave)	≤ -60 dB
Vibration	≤ 0.5 Hz at 10 to 55 Hz with 1.52 mm (0.06 in) maximum excursion, three planes, two hours in each plane

Mechanical Characteristics

Dimensions (L x W)	44 mm x 4.2 mm (1.73 in x 0.17 in)
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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Ordering Information

Part Number	95-000-04
Product Description	CamSplice™ Mechanical Splice, with logo
EAN Code	4056418202280

Shipping Information

Units per Delivery	6/1
Package Contents	6 Mechanical Splices



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