

No Polish Connectors NPC LC, UPC, SM, 250/900 μ m (60 pieces)

CORNING

Part Number:
80611327760

The No Polish Connector (NPC) enable fast, on-site installation of kink proof, 1.6 to 3 mm cable with bend insensitive, single mode fiber. The SC PC and SC APC compatible connectors consist of a factory-polished ferrule assembly and a mechanical splice that is installed without installation tools. A screw on boot retains the aramid fiber in the threads and it clamps the cable jacket by squeezing the jacket holder. Both connectors utilize standard, flat cleaves for the splice. Systems integrators and installers for communication companies and private networks will find this connector to be the easiest way to make field terminations that improve the cable management inside buildings or in the outside plant.

Features and Benefits

Field Termination

Right cable length with no cable slack to store

Simple Assembly Tool

Fast, easy installation

250/900 μ m connectors and jacketed connectors available

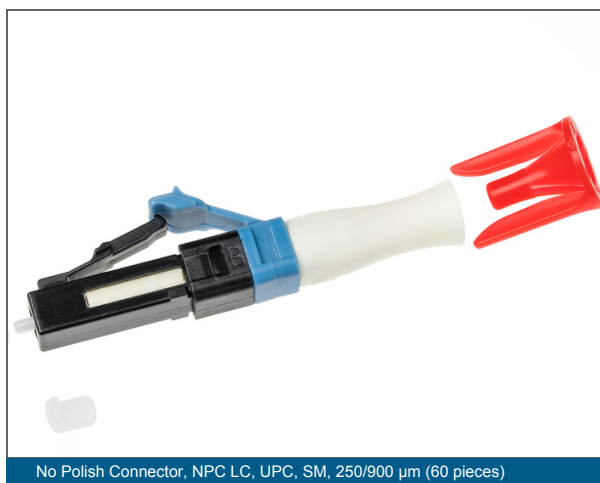
Potentially improve supply chain and inventory management

Factory-Polished fiber stub in ferrule

No on-site polish or adhesives required

No Tool Investment

Enables maximum deployment speed by eliminating the purchase of installation tools and fiber cleavers (Easy Cleaver Combos)



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Specifications

General Specifications

Product Type	Field-Installable Connectors
Fiber Category	Single-mode (OS2)
Product Type	Field-Installable Connectors
Technology	No-Epoxy/No-Polish

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	In compliance with environmental and mechanical requirements of TIA/ EIA-568-D.3, GR-1081, Issue 1 section 4.3 yield, Insertion loss requirements of GR-1081-CORE, Issue 1 (GR-326-CORE, Issue 4) Thermal Cycle and Thermal Age; Back reflection performance was typical of an index gel-matched mechanical splice connector, Back reflection performance was typical of an index gel-matched mechanical splice connector

Environmental Conditions

Temperature Cycling Standard	≤ 0.3 dB IL, -40° to $+75^{\circ}\text{C}$, 21 cycles
Temperature Range, Operation	-40°C to 75°C (-40°F to 167°F)
Temperature Range, Storage	-40°C to 85°C (-40°F to 185°F)

Design - Connector

Connector Type	LC
Housing Color	Blue
Ferrule Material	Yttria-stabilized Zirconia

Mechanical Specifications - Connector

Nominal Fiber Outer Diameter	125 μm
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21

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Optical Specifications - Connector

Polish	UPC
Insertion Loss, Max.	0.6 dB
Reflectance, Typical	< -40 dB

Ordering Information

Product Number	80611327760
Package Contents	60 piece box. Minimum Order Quantity: 60 PCE
Units per Delivery	60/1



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