

No Polish Connectors NPC SC/OM3/4/250/900 (60 pieces)



Part Number:
80611326242

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 μm 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 | 50 µm MM (OM3/OM4) |
| 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 | ≤ 0.2 dB IL, -10° to +60°C, 21 cycles |
| Temperature Range, Operation | -10 °C to 60 °C (14 °F to 140 °F) |
| Temperature Range, Storage | -40 °C to 85 °C (-40 °F to 185 °F) |

| Design - Connector | |
|--------------------|----------------------------|
| Connector Type | SC |
| Housing Color | Aqua |
| 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. | 0.75 dB |
| Reflectance, Typical | < -30 dB |

| Ordering Information | |
|----------------------|--|
| Product Number | 80611326242 |
| Package Contents | 60 piece box. Minimum Order Quantity: 60 PCE |
| Units per Delivery | 60/1 |



Corning Comunicacoes Opticas • Estrada do Camorim 633 • Jacarepagua CEP 22780-070 • Rio De Janeiro, RJ Brazil
+55 21 3416 5150 • FAX: +55 21 2441 2037 • www.corning.com/opcomm/csa

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