

NPC+ (No Polish Connector) NPC+ SC/OM3/4/250/900 (120 pieces)



Part Number:
NPCP-SC-OM34-120-C

The NPC+ (No Polish Connector) eliminates field polishing, loose parts, and termination tools. The innovative buffer clamp design eliminates rework by delivering superior twist and transmission with applied load (TVAL) mechanical performance. After fiber preparation and cleaving, installation is a simple three-step process: insert fiber, actuate splice, activate the buffer clamp. Faster than fusion splicing, the NPC+ delivers savings in installation expense and reduces overall complexity of termination.



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Specifications

| General Specifications | |
|------------------------|------------------------------|
| 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 |

| Environmental Conditions | |
|------------------------------|-------------------------------------|
| 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. | 0.5 dB |
| Insertion Loss, Typical | 0.2 dB |
| Reflectance, Typical | < -30 dB |

| Dimensions | |
|------------|-------------|
| Weight | 76 g |
| Length | 0 mm (0 in) |

| Ordering Information | |
|----------------------|---|
| Product Number | NPCP-SC-OM34-120-C |
| Package Contents | 120 piece box (6 connectors packaged in plastic thermoformed containers, 20 containers per box). One maintenance-free EasyCleaver. One semi-tight buffer clamp. Minimum Order Quantity: 120 PCE |
| Shipping Weight | 886 g |
| Units per Delivery | 120/1 |



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm