

No Polish Connectors Plus (NPC+) SC APC, FS, 250 μ m and 900 μ m

CORNING

Part Number: NPCP-SCA-48

The No Polish Connector Plus (NPC+™) is Corning's fastest and simplest field installable fiber connector, designed to deliver reliable optical performance with minimal tools and training. Featuring a factory polished end-face and a tool less mechanical splice design, NPC+ enables technicians to achieve consistent, high-quality terminations in seconds—without field polishing, fusion splicing, or proprietary installation tools. Engineered for speed, simplicity, and performance, NPC+ is ideal for drop repairs, restoration work, and on demand fiber terminations wherever an SC or LC connector footprint is required.

Features and Benefits

Installs in less than 10 seconds after cleaving fiber

Minimizes installation time and accelerates service turn-up

Tool-less connector activation

Uses only standard fiber preparation tools, reduces crew tooling cost and simplifies field deployment

Audible and tactile “click” feedback

Provides immediate confirmation of proper termination

Supports both 250 μ m and 900 μ m fibers

Enables use across a range of fiber and cable types

Single-reuse capability

Allows deactivation of the splice element and strain relief without additional tools



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Specifications

General Specifications

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

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Passed TIA / EIA-568-D.3

Environmental Conditions

Temperature Cycling Standard	≤ 0.3 dB IL, -40° to +75°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	SC
Housing Color	Green
Ferrule Material	Yttria-stabilized Zirconia

Mechanical Specifications - Connector

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

Optical Specifications - Connector

Polish	APC
Insertion Loss, Max.	0.6 dB

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Optical Specifications - Connector

Reflectance, Typical	< -55 dB
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Ordering Information

Product Number	NPCP-SCA-48
Package Contents	48 piece box (6 connectors packaged in plastic thermoformed containers, 8 containers per box). Minimum Order Quantity: 48 PCE
Units per Delivery	48/1



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