

NPC+ (No Polish Connector) NPC+ SC/OM2/250/ 900

CORNING

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 (TWAL) 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 (OM2)
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	Black

Mechanical Specifications - Connector

Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
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Optical Specifications - Connector

Insertion Loss, Max.	0.5 dB
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Optical Specifications - Connector	
Reflectance	< -30 dB
Insertion Loss, Typical	0.2 dB
Reflectance, Typical	< -30 dB