

A modern office interior with large glass windows. In the upper section, three people are seated at a table, and a man in a white shirt and tie is standing and talking on a mobile phone. The lower section shows a desk with a computer monitor and various office supplies. The text 'CORNING' is overlaid on a blue rectangle in the top left, and 'No Polish Connectors (NPC)' is overlaid on a blue rectangle in the bottom half.

CORNING

No Polish Connectors (NPC)



Corning Fibre Connectors

Bringing the World's Networks Together

From fibre to passive optical LAN to wireless solutions, we're helping increase the speed of connections, while making sure networks stay up and running around the clock and around the globe.

The world's growing digital economy moves at the speed of information. Corning fibre interconnect solutions let our customers take the lead with scalable options to help optimise speed, size, and interconnectivity for growing networks. Rely on our expertise to help optimise your existing network infrastructure and lay the foundation for future evolutions.

For more information about Corning fibre connectors, please visit corning.com/opcomm/emea

No Polish Connectors (NPC)

Corning No Polish Connectors help enable fast, on-site installation of 250 µm and 900 µm single-mode and multimode fibre and 1.6 to 3.0 mm jacketed cables. With a factory-polished ferrule assembly and a mechanical splice, the connector can be quickly installed – without electrical power – using a simple field tool that is included in every box of 60 connectors (when required). For excellent mechanical performance, the NPC has internal gripping elements for the strain-relief of the fibre.

The 250/900 µm SC and LC NPCs utilise a one-piece, preassembled design that eliminates field polishing and loose parts. The SC and LC NPCs for jacketed cable can be installed without an assembly tool. A twist-on boot clamps onto the cable jacket and aramid fibre to provide excellent strain-relief.

The splice in the connector can be opened and re-terminated with a cap lifter. The assembly tool and cap lifter are included in every box of 60 connectors (when required).

Features and Benefits

No Polish Connectors	
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 fibre 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 fibre cleavers (Easy Cleaver combos)

No Polish Connector (NPC) Specifications

Specifications	NPC Single-Mode UPC	NPC Single-Mode APC	NPC Multimode	
Insertion Loss Typical (dB)	0.3	0.3	0.2	
Reflectance Typical at Room Temperature (dB)	≤ 40	≤ 55	OM1	≤ 25
			OM2/3/4	≤ 30
Reflectance Maximum Over Operating Temperature Range (dB)	≤ 35	≤ 35	OM1	≤ 25
			OM2/3/4	≤ 30
Operating Temperature Range	-40°C to 75°C	-40°C to 75°C	-10°C to 60°C	
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	
Connector Identification	Blue	Green	OM1	Beige
			OM2	Black
			OM3/4	Aqua
Field-Termination Kit (Optional)	8865/8865-C/2559-C			
Materials				
Connector Ferrule	Zirconia Ceramic			
Connector Housing and Body	Engineered Resin			
Boot	Thermoplastic Elastomer			



Corning No Polish SC Connector Family

No Polish Connector (NPC) Ordering Information

Description	Connector Type	Fibre Type	Cable Type	Part Number	Packaging	Easy Cleaver Included	Assembly Tool
250/900 µm No Polish Connector (Needs Assembly Tool) Connector Packs							
Single-Mode No Polish SC UPC Connector (8800)	SC	Single-Mode	250/900 µm	80611326226	60 connectors/pack	Not included	1 set
Single-Mode No Polish SC APC Connector, Flat Splice (8800-APC/FS)	SC APC	Single-Mode	250/900 µm	80611326267	60 connectors/pack	Not included	1 set
OM1 No Polish SC Connector (6800-62.5)	SC	OM1	250/900 µm	80611326259	60 connectors/pack	Not included	1 set
OM2 No Polish SC Connector (6800-50)	SC	OM2	250/900 µm	80611326234	60 connectors/pack	Not included	1 set
OM3/4 No Polish SC Connector [6800-50 Laser-Optimised Multimode Fibre (LOMMF)]	SC	OM3/4	250/900 µm	80611326242	60 connectors/pack	Not included	1 set
Single-Mode No Polish LC UPC Connector (8830)	LC	Single-Mode	250/900 µm	80611327760	60 connectors/pack	Not included	1 set
Single-Mode No Polish LC APC Connector, Flat Splice (8830-APC/FS)	LC APC	Single-Mode	250/900 µm	80611327786	60 connectors/pack	Not included	1 set
OM1 No Polish LC Connector (6830-62.5)	LC	OM1	250/900 µm	80611327752	60 connectors/pack	Not included	1 set
OM2 No Polish LC Connector (6830-50)	LC	OM2	250/900 µm	80611327737	60 connectors/pack	Not included	1 set
OM3/4 No Polish LC Connector (6830-50 LOMMF)	LC	OM3/4	250/900 µm	80611327745	60 connectors/pack	Not included	1 set
Single-Mode No Polish ST® Connector, Flat Splice (8840)	ST	Single-Mode	250/900 µm	80611395171	60 connectors/pack	Not included	1 set
OM1 No Polish ST Connector (6840-62.5)	ST	OM1	250/900 µm	80611395130	60 connectors/pack	Not included	1 set
OM2 No Polish ST Connector (6840-50)	ST	OM2	250/900 µm	80611395114	60 connectors/pack	Not included	1 set
OM3/4 No Polish ST Connector (6840-50 LOMMF)	ST	OM3/4	250/900 µm	80611395122	60 connectors/pack	Not included	1 set



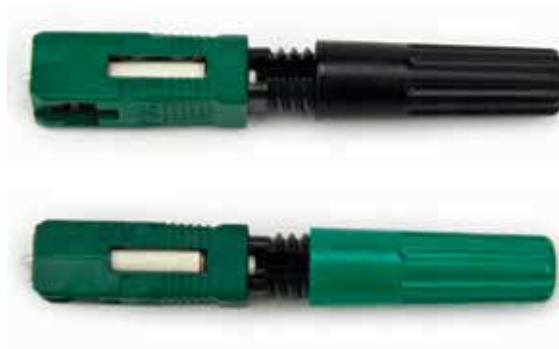
No Polish LC Connector Family



No Polish ST Connector Family

No Polish Connector (NPC) Ordering Information

Description	Connector Type	Fibre Type	Cable Type	Part Number	Packaging	Easy Cleaver Included	Assembly Tool
250/900 µm No Polish Connector (Needs Assembly Tool) – Connector Packs with Easy Cleaver							
Single-Mode No Polish SC UPC Connector (8800)	SC	Single-Mode	250/900 µm	80611494115	120 connectors/pack	1 piece	1 set
Single-Mode No Polish SC APC Connector, Flat Splice (8800-APC/FS)	SC APC	Single-Mode	250/900 µm	80611494123	120 connectors/pack	1 piece	1 set
OM2 No Polish SC Connector (6800-50)	SC	OM2	250/900 µm	80611494198	60 connectors/pack	1 piece	1 set
OM3/4 No Polish SC Connector (6800-50 LOMMF)	SC	OM3/4	250/900 µm	80611494206	60 connectors/pack	1 piece	1 set
Single-Mode No Polish LC UPC Connector (8830)	LC	Single-Mode	250/900 µm	80611494156	120 connectors/pack	1 piece	1 set
Single-Mode No Polish LC APC Connector, Flat Splice (8830-APC/FS)	LC APC	Single-Mode	250/900 µm	80611494164	120 connectors/pack	1 piece	1 set
OM2 No Polish LC Connector (6830-50)	LC	OM2	250/900 µm	80611494255	60 connectors/pack	1 piece	1 set
OM3/4 No Polish LC Connector (6830-50 LOMMF)	LC	OM3/4	250/900 µm	80611494263	60 connectors/pack	1 piece	1 set
Single-Mode No Polish ST® Connector, Flat Splice (8840)	ST	Single-Mode	250/900 µm	80611494180	120 connectors/pack	1 piece	1 set
OM1 No Polish ST Connector (6840-62.5)	ST	OM1	250/900 µm	80611494339	60 connectors/pack	1 piece	1 set
OM2 No Polish ST Connector (6840-50)	ST	OM2	250/900 µm	80611494313	60 connectors/pack	1 piece	1 set
OM3/4 No Polish ST Connector (6840-50 LOMMF)	ST	OM3/4	250/900 µm	80611494321	60 connectors/pack	1 piece	1 set



No Polish SC APC Connector Flat and Angle Splice, 1.6-3 mm Jacket

No Polish Connector (NPC) Ordering Information

Description	Connector Type	Fibre Type	Cable Type	Part Number	Packaging	Easy Cleaver Included	Assembly Tool
Jacketed No Polish Connector (No Assembly Tool Needed) – Connector packs							
Single-Mode No Polish SC UPC Connector, Jacketed (8802)	SC	Single-Mode	1.6-3.0 mm	80611335078	60 connectors/pack	Not included	Not needed
Single-Mode No Polish SC APC Connector, Flat Splice, Jacketed (8802-APC/FS)	SC APC	Single-Mode	1.6-3.0 mm	80611335094	60 connectors/pack	Not included	Not needed
OM1 No Polish SC Connector, Jacketed (6802-62.5)	SC	OM1	1.6-3.0 mm	80611398308	60 connectors/pack	Not included	Not needed
OM2 No Polish SC Connector, Jacketed (6802-50)	SC	OM2	1.6-3.0 mm	80611398282	60 connectors/pack	Not included	Not needed
OM3/4 No Polish SC Connector, Jacketed (6802-50 LOMMF)	SC	OM3/4	1.6-3.0 mm	80611398290	60 connectors/pack	Not included	Not needed
Single-Mode No Polish LC UPC Connector, Jacketed (8832)	LC	Single-Mode	1.6-2.0 mm	80611398399	60 connectors/pack	Not included	Not needed
OM1 No Polish LC Connector, Jacketed (6832-62.5)	LC	OM1	1.6-2.0 mm	80611398423	60 connectors/pack	Not included	Not needed
OM2 No Polish LC Connector, Jacketed (6832-50)	LC	OM2	1.6-2.0 mm	80611398407	60 connectors/pack	Not included	Not needed
OM3/4 No Polish LC Connector, Jacketed (6832-50 LOMMF)	LC	OM3/4	1.6-2.0 mm	80611398415	60 connectors/pack	Not included	Not needed



No Polish Jacketed SC UPC Connector Family

No Polish Connector (NPC) Ordering Information

Description	Connector Type	Fibre Type	Cable Type	Part Number	Packaging	Easy Cleaver Included	Assembly Tool
No Polish Connector, Jacketed (No Assembly Tool Needed) – Connector Packs with Easy Cleaver							
Single-Mode No Polish SC UPC Connector, Jacketed (8802)	SC	Single-Mode	1.6-3.0 mm	80611482250	120 connectors/pack	1 piece	Not needed
Single-Mode No Polish SC APC Connector, Flat Splice, Jacketed (8802-APC/FS)	SC APC	Single-Mode	1.6-3.0 mm	80611482268	120 connectors/pack	1 piece	Not needed
OM1 No Polish SC Connector, Jacketed (6802-62.5)	SC	OM1	1.6-3.0 mm	80611494248	60 connectors/pack	1 piece	Not needed
OM2 No Polish SC Connector, Jacketed (6802-50)	SC	OM2	1.6-3.0 mm	80611494222	60 connectors/pack	1 piece	Not needed
OM3/4 No Polish SC Connector, Jacketed (6802-50 LOMMF)	SC	OM3/4	1.6-3.0 mm	80611494230	60 connectors/pack	1 piece	Not needed
Single-Mode No Polish LC UPC Connector, Jacketed (8832)	LC	Single-Mode	1.6-2.0 mm	80611494172	120 connectors/pack	1 piece	Not needed
OM1 No Polish LC Connector, Jacketed (6832-62.5)	LC	OM1	1.6-2.0 mm	80611494305	60 connectors/pack	1 piece	Not needed
OM2 No Polish LC Connector, Jacketed (6832-50)	LC	OM2	1.6-2.0 mm	80611494289	60 connectors/pack	1 piece	Not needed
OM3/4 No Polish LC Connector, Jacketed (6832-50 LOMMF)	LC	OM3/4	1.6-2.0 mm	80611494297	60 connectors/pack	1 piece	Not needed



No Polish Connector Kit with CI-01 Cleaver (8865-C)



No Polish Connector Kit without cleaver (8865)

No Polish Connector (NPC) Ordering Information

Description	Connector Type	Fibre Type	Cable Type	Part Number	Packaging	Easy Cleaver Included	Assembly Tool
No Polish Fibre Preparation Kits							
No Polish Connector Kit with CI-01 Cleaver (8865-C)	All connector types	All fibre types	All cable types	80611323793	One kit/pack	CI-01 Cleaver included	SC, LC, and ST® included
No Polish Connector Kit Without Cleaver (8865)	All connector types	All fibre types	All cable types	80611323785	One kit/pack	No cleaver included	SC, LC, and ST included
No Polish Connector/Corning® Fibrlok® Universal Kit (2559-C)	All connector types	All fibre types	All cable types	FQ100079216	One kit/pack	CI-01 Cleaver included	SC, LC, and ST included

