

Xpress G2 Pre-Polished Pre-Assembled Connectors >

Molex's Xpress G2 (second generation) Pre-Polished, Pre-Assembled Connectors provide quick reliable terminations and are easy to use.



FEATURES AND ADVANTAGES

Quick – Assembly is achieved in under 2 minutes

Easy to Use – No need for polishing or adhesive

Minimal operating skills required - Ideal for onsite installations

No Curing required – A mechanical grip effectively holds fibre in place. An index matching gel reduces the Fresnel reflection at the surface of the optical fiber

Low Tooling Investment – only strip and cleaving tool required

Reliable Performance – same environmental endurance as conventional connectors

Multiple Formats available available in SC and LC form factors

Available in Singlemode, Multimode, Angled Polish in 900µm and 250µm format

The Xpress G2 pack includes:
10 pcs Connectors
10 pcs Boots

www.molex.com/products/fiber/adapters-plates-and-connectors/

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SPECIFICATIONS

Reference Information

Commercial Standards:

IEC61654-4,
TIA/EIA 568-C.3

Mechanical

Mating Durability:

IL <0.1dB Change over 500 Cycles
(Typical)

Insertion Loss (TYPICAL)

Singlemode PC: 0.2dB APC: 0.3dB
Multimode: 0.1dB

Return Loss (TYPICAL)

Singlemode PC: >55dB Typical
APC >66dB
Multimode: >35dB

Ferrule: Zirconia Ceramic

Housing and Boot:

UL 94V-0 rated Polymer

Alignment Sleeves: Zirconia Ceramic

Operating Temperature:

-40°C to +75°C

Coupling Strength:

Tensile Load: 33N 5 Sec

Cable Retention: 2.2N 5 Sec 0/90 Deg

Pull Test

3Nm/1min: 0.01dB 250µm,
0.005dB 900µm
Tight Buffered Fiber

ORDERING INFORMATION

Order No.	SAP No.	Description
AFR-00387	182620013	LC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00390	182620016	LC Singlemode OS1/OS2 250/900µm BF Blue 10 PC Connector Kit
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00394	182620020	SC Singlemode OS1/OS2 250/900µm BF Blue 10 PC Connector Kit
AFR-00395	182620021	SC/APC Singlemode OS1/OS2 250/900µm BF APC Green 10 PC Connector Kit

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