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 fibre
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
Xpress G2 Pre-Polished Pre-Assembled Connectors

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 Fibre

Ordering Information

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<th>Description</th>
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<td>182620013</td>
<td>LC Multimode OM1 250/900μm BF Beige 10 PC Connector Kit</td>
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<td>LC Singlemode OS1 250/900μm BF Blue 10 PC Connector Kit</td>
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