**EVERIS™ PLQ2 SERIES CONNECTOR**

**Specifications**

**PRESSURE:**
Vacuum to 120 psi, 8.3 bar

**TEMPERATURE:**
- Operating: 0°F to 240°F (-17°C to 115°C)
- Storage/Shipping: -40°F to 240°F (-40°C to 115°C)

**MATERIALS:**
- Main Components: Polyphenylsulfone PPSU
- Valves and Thumb latch: PPSU
- Valve Springs (wetted): Stainless steel
- External spring: Stainless steel
- Seals: EPDM
- Seal Spacer: PTFE
- Compliance: RoHS, REACH

**COLOR:**
Matte Black with Cool Blue or Warm Red

**TUBING SIZES:**
1/4” ID (6.4mm ID)

**LUBRICANTS:** Krytox® PFPE

**SPILLAGE:**
- <0.015 cc per disconnect at 0 psi
- <0.063 cc per disconnect rated at 200 psi

**INCLUSION:**
<0.063 cc per connect

**FLOW COEFFICIENT:** Cv ~ 0.37

**WARNING:** Pressure, temperature, chemicals, and operating environment can affect the performance of couplings. It is the customer’s responsibility to test the suitability of CPC’s products in their own application conditions.

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**Everis™ PLQ2 Series** liquid cooling connectors provide ultra-reliable, dripless connections and disconnections. Made of PPSU, a high-performance thermoplastic, the Everis PLQ2 connector is lightweight, not susceptible to galvanic corrosion and rated UL94 V0 flame retardant. With an ergonomic thumb latch, Everis PLQ2 fittings are easy to use. They are purpose-built for liquid cooling of electronics applications and offer a high-flow capacity to optimize thermal management system performance. Everis PLQ2 quick disconnects use CPC-developed valve technology that is designed for long-term use with no spill upon disconnect.

**FEATURES** | **BENEFITS**
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Made of high-performance PPSU material | Lightweight, durable and chemically compatible with widely used liquid cooling fluids and UL94 V0 flame retardant
Non-spill valve design | No drips during connection or disconnection
High flow to size ratio with low pressure drop | Increased cooling efficiency in small spaces
Ergonomic body and latch design | Simple, intuitive one-handed operation
Audible click upon connection | Provides connection assurance
Barbed and threaded termination options | Meets preferences for mounting or tubing connections
Robust product testing (product tested to 10,000 cycles), dimensional stability | High durability and reliability in long-use applications

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Visit us at cpcworldwide.com or call 800-444-2474 to get a free catalog or to find your local distributor.
EVERIS™ PLQ2 SERIES DIMENSIONS

Coupling Bodies • POLYPHENYL SULFONE PPSU

<table>
<thead>
<tr>
<th>TERMINATION</th>
<th>TUBING/THREAD SIZE</th>
<th>METRIC EQ</th>
<th>PART NUMBER</th>
<th>A</th>
<th>B</th>
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</thead>
<tbody>
<tr>
<td>IN-LINE LOCKING HOSE BARB</td>
<td>1/4&quot; ID</td>
<td>6.4mm ID</td>
<td>PLQ2D1704LRED</td>
<td>0.63</td>
<td>2.10</td>
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<tr>
<td>IN-LINE STRAIGHT THREAD</td>
<td>1/4 SAE-4-7/16-20(^2)</td>
<td>N/A</td>
<td>PLQ2D3004RED</td>
<td>0.63</td>
<td>1.71</td>
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<td>PLQ2D3004BLU</td>
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<tr>
<td>IN-LINE G / BSPP</td>
<td>G 1/8(^3)</td>
<td>N/A</td>
<td>PLQ2D3102RED</td>
<td>0.63</td>
<td>1.65</td>
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<td>PLQ2D3102BLU</td>
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Note:
1. All SAE terminations are compatible with SAE J1926-1 ports.
2. All G (BSPP) terminations are compatible with ISO 1179-1 ports.
3. Do not exceed torque values due to potential damage to coupling. User should consider application factors such as mating material, media, temperature, etc. when implementing an installation torque specification for the product.

Coupling Inserts • POLYPHENYL SULFONE PPSU

<table>
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<tr>
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<tr>
<td>IN-LINE LOCKING HOSE BARB</td>
<td>1/4&quot; ID</td>
<td>6.4mm ID</td>
<td>PLQ2D2204LRED</td>
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<td>IN-LINE STRAIGHT THREAD</td>
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<td>PLQ2D4604RED</td>
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<td>PLQ2D4604BLU</td>
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<tr>
<td>IN-LINE G / BSPP</td>
<td>G 1/8(^3)</td>
<td>N/A</td>
<td>PLQ2D4702RED</td>
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<td>PLQ2D4702BLU</td>
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</tbody>
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Note:
1. All SAE terminations are compatible with SAE J1926-1 ports.
2. All G (BSPP) terminations are compatible with ISO 1179-1 ports.
3. Do not exceed torque values due to potential damage to coupling. User should consider application factors such as mating material, media, temperature, etc. when implementing an installation torque specification for the product.