Fiber Optic APC Simplex and Duplex Couplers

In order to achieve low back reflection values some fiber assemblies utilize a connector with an Angled Polish Contact (APC). These APC connectors require special couplers that have tight tolerance alignment slots to assure proper orientation of the mated APC connectors. The APC couplers are specifically designed for this application.

<table>
<thead>
<tr>
<th>Fiber Optic Simplex/Duplex Fiber Optic Adapters</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOA-017 Simplex SC APC Coupler Plastic Ceramic B 10.00 9.60 9.20 8.50 7.50</td>
</tr>
</tbody>
</table>

Fiber Optic APC Simplex/Duplex Fiber Optic Adapters

These fiber optic adapters are offered in both simplex and duplex configurations and in some cases with both plastic and metal bodies. Alignment sleeves of both bronze and ceramic are offered in most cases.

- **SC to SC Simplex/Duplex Fiber Optic Adapters**
  - FOA-017 Simplex SC APC Coupler Plastic Ceramic B
  - FOA-018 Duplex SC APC Coupler Plastic Ceramic D

- **FC to FC Simplex/Duplex Fiber Optic Adapters**
  - FOA-019 Simplex FC APC Coupler Metal Ceramic A 15.00 14.40 13.80 12.75 11.25

- **LC to LC Simplex/Duplex Fiber Optic Adapters, No Flange**
  - FOA-804 Simplex LC APC Coupler Plastic Ceramic G 13.95 13.39 12.83 11.86 10.48
  - FOA-805 Duplex LC APC Coupler Plastic Ceramic H 14.95 14.35 13.75 12.71 11.21

Fiber Optic Simplex/Duplex Adapters

These fiber optic adapters are offered in both simplex and duplex configurations and in some cases with both plastic and metal bodies. Alignment sleeves of both bronze and ceramic are offered in most cases.

- **ST to SC Simplex Fiber Optic Adapters**
  - FOA-201 Simplex ST-SC Fiber Adapter Metal Bronze C 8.00 7.68 7.36 6.80 6.00
  - FOA-211 Simplex ST-SC Fiber Adapter Metal Bronze B 5.00 4.80 4.60 4.25 3.75
  - FOA-211A Simplex ST-SC Fiber Adapter Metal Ceramic B 9.50 9.12 8.74 8.07 7.13

- **ST to Duplex Fiber Optic Adapters**
  - FOA-006A Duplex ST-SC Fiber Adapter Metal Ceramic C 9.25 8.88 8.51 7.86 6.84

- **ST to FC Simplex Fiber Optic Adapters**
  - FOA-301 Simplex ST-SC Fiber Adapter Metal Bronze C 9.25 8.88 8.51 7.86 6.84
  - FOA-311 Simplex ST-SC Fiber Adapter Metal Ceramic B 3.50 3.36 3.22 2.98 2.63
  - FOA-311A Simplex ST-SC Fiber Adapter Metal Ceramic B 10.50 10.08 9.66 8.92 7.88

- **SC to FC Simplex Fiber Optic Adapters**
  - FOA-302 Simplex SC-FC Fiber Adapter Metal Bronze C 9.25 8.88 8.51 7.86 6.84

- **LC to SC Simplex Fiber Optic Adapters**
  - FOA-014 Simplex LC-SC Fiber Adapter Plastic Ceramic B 42.00 41.16 40.32 39.48 38.64
  - FOA-020 Simplex LC-SC Fiber Adapter Plastic Bronze B 32.00 31.36 30.72 30.08 29.44

Fiber Optic Coupler/Adapter Selection Matrix

Use this matrix to locate the fiber optic coupler or adapter with the desired interface combination and with the appropriate body and alignment sleeve material. If a specific type is not listed, please visit our web site at L-com.com for the latest information or call our technical support group at 800-343-1455 for assistance.

<table>
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<tr>
<th>Item #</th>
<th>Description</th>
<th>Body</th>
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<th>25-99</th>
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