Compact polished directional coupler with tunable coupling ratio

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Insertion loss (dB)</td>
<td>&lt; 0.1 (bare type) &lt; 0.5 (adapter type)</td>
</tr>
<tr>
<td>Tuning range of coupling (%)</td>
<td>0 - 100</td>
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<tr>
<td>Operation wavelength (nm)</td>
<td>Can be specified by customer (633, 830, 980, 1064, 1550)</td>
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<tr>
<td>Polarization Extinction Ratio (dB)</td>
<td>&gt; 20 (PM only)</td>
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</tbody>
</table>

**FEATURES & APPLICATIONS**

**FEATURES:**
- Negligible loss
- Polished fiber coupler
- Tunable coupling ratio (0 - 100 %)
- Available with various fiber types including SMF and PMF
- Available at customer specified wavelength
- Very small size

**APPLICATIONS:**
- Optical system testing
- Interferometry
- General laboratory experiments
- Optics education kits

For more information please contact Phoenix sales: sales@phoenixphotonics.com or visit us at www.phoenixphotonics.com
ORDERING INFORMATION:

FTDC - - -

P: PMF
N: Non-PMF

Operation Wavelength
063: 633 nm
083: 830 nm
098: 980 nm
106: 1060 nm
155: 1550 nm

Connectors:
NO: none
FA: FC/APC
FP: FC/PC
FU: FC/UPC
FS: FC/SC