MIL-DTL-5015 and VG95234 Type
(Series IFO)
6 Pole Fiber Optic Connector

Configuration
030
06

N. of Fibers
6 - N.6 Ferrule

Shell Size
24

Contact Type
M - Male
F - Female

Plating
F6 - Black Electrodeposited Paint
(Preferred)
F7 - Black Zinc Nickel Plating
Omit - For Cadmium Plating

Series
ITS - MIL-DTL-5015 Type
Fiber Optic Reverse
Bayonet Coupling

Ferrule diameter
2 - 2.5 mm

Connector Accessory
PG - Conduit Termination Backshell
PGSW - Conduit Termination Backshell with Key

N. of Fibers
6

Contact Type
M

Ferrule diameter
2 - 2.5 mm

Connector Accessory
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Series
ITS - MIL-DTL-5015 Type
Fiber Optic Reverse
Bayonet Coupling
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(Series IFO)
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MIL-DTL-5015 and VG95234 Size 24.
PG Backshells for conduit termination.
PGSW Strain Relief Backshells for jacketed cables.
Metal cover for fiber protection.
Long Backshell for fiber bending prevention.

CONNECTOR TECHNICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Connection</th>
<th>Fiber Optic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Type</td>
<td>9/125 - 50/125 - 62/125</td>
</tr>
<tr>
<td>Insertion Loss [DB]</td>
<td>≤ 1.4 dB</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>-25° to +85° C</td>
</tr>
<tr>
<td>Flammability</td>
<td>UL94-V0</td>
</tr>
<tr>
<td>Insert</td>
<td>Thermoplastic Resin</td>
</tr>
<tr>
<td>Metallic Parts</td>
<td>Aluminium Alloy; Black Electrodeposited Paint *</td>
</tr>
<tr>
<td>Mating Cycles</td>
<td>500 Cycles</td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>IP67 (mated)</td>
</tr>
<tr>
<td>Gaskets and Bushings</td>
<td>Polychloroprene and Silicone Rubber</td>
</tr>
</tbody>
</table>

* RoHS compliant

Optical Contacts

OPTICAL CONTACT TECHNICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Optical Contacts</th>
<th>Zirconia Ferrules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel Springs</td>
<td></td>
</tr>
<tr>
<td>Zirconia split sleeves</td>
<td></td>
</tr>
<tr>
<td>Ferrule Diameter</td>
<td>2.5 mm</td>
</tr>
</tbody>
</table>

Male Contact

Female Contact
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6 Pole Fiber Optic Connector

Front View

IFOB03024-6...2PGF6

IFOB03024-6...2PGSWF6