## Connector List

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>22</td>
<td>FC/APC 9/125</td>
<td>CONNECTOR FC/APC 9/125 [FOR SM1550NM]</td>
</tr>
<tr>
<td>10</td>
<td>8</td>
<td>FC/APC 5/125</td>
<td>CONNECTOR FC/APC 5/125 [FOR SM780NM]</td>
</tr>
<tr>
<td>9</td>
<td>22</td>
<td>FC/APC 9/125 W/ BOOT</td>
<td>CONNECTOR FC/APC 9/125 WITH HYTREL BOOT [FOR SM1550NM]</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>FC/APC 5/125 W/ BOOT</td>
<td>CONNECTOR FC/APC 5/125 WITH HYTREL BOOT [FOR SM780NM]</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>0183 NUT VS15-SS</td>
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</tr>
<tr>
<td>6</td>
<td>1</td>
<td>215 VITON O-RING -215 VITON 75</td>
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<tr>
<td>5</td>
<td>34</td>
<td>PTFE 23 TUBING .026 ID X .038 OD PTFE</td>
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</tr>
<tr>
<td>4</td>
<td>24</td>
<td>SMF-28e+FIBER FIBER OPTIC SINGLE MODE 28e</td>
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</tr>
<tr>
<td>3</td>
<td>10</td>
<td>SM 780-HP FIBER OPTIC SINGLE MODE 780-HP</td>
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<tr>
<td>2</td>
<td>A/R</td>
<td>PAVE-Seal 150 EPOXY BLACK</td>
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<tr>
<td>1</td>
<td>1</td>
<td>0161 HOUSING VS15L-SS</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
1. HE LEAK TEST VACUUM 5X10^-8 CC/SEC OR LESS.
2. OPTICAL CONTINUITY CHECK, ITEM #3 8 MINIMUM & ITEM #4 22 MINIMUM FIBERS.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FIBER POSITIONING IS APPROXIMATE & VARIABLE.
6. Voids larger than φ0.035 [.89] ARE NOT ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI [10 BAR], CHECK WITH SALES ENGINEERING.
9. DIMENSIONS ARE INCHES [millimeters].
10. BOTH ENDS TERMINATED BY COASTAL CONNECTIONS WITH ITEMS #8, #9, #10, & #11.
11. ITEM #3 LOCATED IN 10 INSIDE TUBES & ITEM #4 LOCATED IN 24 OUTSIDE TUBES.
12. ITEMS 3, 4, & 5 GO THROUGH VACUUM BAKE OUT AT 102°C +5° FOR 12 HOURS.
13. COASTAL CONNECTIONS INSERTION LOSS TEST REQUIREMENT: ITEM 3 IS ≤ 1.0 dB & ITEM 4 IS ≤ 0.2 dB.
14. COASTAL CONNECTIONS TO LABEL EACH FIBER ON BOTH ENDS WITH PVDF, (ie 780-1, 780-2 etc OR 1550-1, 1550-2 etc).

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### Diagram

- **ATMOSPHERE**
- **VACUUM**
- **VS15L INSTALLATION PORT**
- **NOTES:**

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