WAVELENGTH DIVISION MULTIPLEXER SPECIFICATIONS

<table>
<thead>
<tr>
<th>TYPE/GRADE</th>
<th>PREMIUM</th>
<th>HIGH-ISOLATION</th>
<th>WIDEBAND</th>
<th>FTXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>CENTER WAVELENGTH (nm)</td>
<td>1310/1550</td>
<td>1310/1550</td>
<td>1550-1310</td>
<td>1550-1310</td>
</tr>
<tr>
<td>ANODOR WAVELENGTH RANGE (nm)</td>
<td>±5</td>
<td>±5</td>
<td>±15</td>
<td>±15</td>
</tr>
<tr>
<td>INSERTION LOSS (dB)</td>
<td>&lt;0.4</td>
<td>&lt;0.8</td>
<td>&lt;1.0</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>ISOLATION (dB)</td>
<td>&gt;15</td>
<td>&gt;20</td>
<td>&gt;25</td>
<td>&gt;25</td>
</tr>
<tr>
<td>POLARIZATION DEPENDANT LOSS (dB)</td>
<td>&lt;0.1</td>
<td>&lt;0.1</td>
<td>&lt;0.1</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>DIRECTIVITY (dB)</td>
<td>&gt;60</td>
<td>&gt;60</td>
<td>&gt;60</td>
<td>&gt;60</td>
</tr>
<tr>
<td>RETURN LOSS (dB)</td>
<td>&gt;45</td>
<td>&gt;45</td>
<td>&gt;45</td>
<td>&gt;45</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE (°C)</td>
<td>-40 TO +85</td>
<td>-40 TO +85</td>
<td>0 TO +65</td>
<td>0 TO +65</td>
</tr>
<tr>
<td>STORAGE TEMPERATURE (°C)</td>
<td>-40 TO +85</td>
<td>-40 TO +85</td>
<td>0 TO +65</td>
<td>0 TO +65</td>
</tr>
</tbody>
</table>

Packaging:
- LIGHT DUTY: 200 µm, FIGURE 1
- HEAVY DUTY: 3 mm, FIGURE 2A
- VARIOUS: FIGURES 3, 3B

Fiber Types:
- Fiberdyne Labs
- Corning SMF 28
- SIECOR Compatible with Input Pigtails, Output Pigtails
- LUCENT/FIBERDYNE Compatible with Input Pigtails, Output Pigtails
- HIGH ISOLATION 1310/1550
- HIGH ISOLATION FUSED WDM
- WIDEBAND

Insertion Loss Values:
- NOTES 1: Insertion Loss Values Do Not Include Connector Loss
- NOTES 2: See www.fiberdyne.com for Configurations
- NOTES 3: High Isolation Fused WDM Available Only in Heavy Duty Package or in Modules

Overall Length Tolerance:
- <3 Meter +/- 4 Inches
- 3+ Meter +/- 6 Inches

Tolerances:
- 0.XX = ±0.015
- 0.X = ±0.05
- 0.XXX = ±0.005

Removal of Burrs and Sharp Corners:
- 0.01R

Third Angle Projection:
- A

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