**FEATURES**

- Rugged waveguide configuration
- Full band operation
- High performance

**APPLICATIONS**

- Test benches
- Subsystems
- Prototypes
- Inter connections

**DESCRIPTION**

**PWA series** rectangular waveguide flange adapters are offered to cover frequency range of 18 to 110 GHz in seven waveguide bands. These adapters are used for connecting the same size rectangular waveguide with different flange patterns.

**PWK series** rectangular waveguide bulkhead flange amount adapters are offered to cover frequency range of 18 to 110 GHz in seven waveguide bands. These transitions are manufactured with EDM technique to ensure high mechanical tolerance and ruggedness. The transitions are used for waveguide interface in panel amount equipment.

**HOW TO ORDER**

**Waveguide Flange Adapters**

Specify Model Number  
`PWA – FG1 FG2 -XX`  
Factory Reserve

Flange Type 1  
Flange Type 2

*Example: To order a UG383/U to UG599/U flange adapter, specify PWA-383599-XX.*

**Bulkhead Waveguide Adapters**

<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>K</th>
<th>Ka</th>
<th>Q</th>
<th>U</th>
<th>V</th>
<th>E</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>PWK-42-01</td>
<td>PWK-28-01</td>
<td>PWK-22-01</td>
<td>PWK-19-01</td>
<td>PWK-15-01</td>
<td>PWK-12-01</td>
<td>PWK-10-01</td>
</tr>
<tr>
<td>Freq. Range (GHz)</td>
<td>18-26.5</td>
<td>26.5-40</td>
<td>33-50</td>
<td>40-60</td>
<td>50-75</td>
<td>60-90</td>
<td>75-110</td>
</tr>
<tr>
<td>Waveguide Size</td>
<td>WR-42</td>
<td>WR-28</td>
<td>WR-22</td>
<td>WR-19</td>
<td>WR-15</td>
<td>WR-12</td>
<td>WR-10</td>
</tr>
<tr>
<td>Flange Type</td>
<td>UG595/U</td>
<td>UG599/U</td>
<td>UG383/U</td>
<td>UG383/U Mod</td>
<td>UG385/U</td>
<td>UG387/U</td>
<td>UG387/U Mod</td>
</tr>
</tbody>
</table>
WT-E-1

**FEATURES**

- Rugged configuration
- Smooth adjustment
- Top and bottom plate skid pads
- Four size selections

**APPLICATIONS**

WTJ series jacks are offered in four table size to provide total flexibility of waveguide or module supporting or positioning requirements in the laboratory environment. These jacks are engineered for smooth and continuous height adjustment through their height range. They are constructed with chromed steel and anti-skid pads to offer stable, slipping and scratch-free support.

**DESCRIPTION**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>WTJ-050040-02</th>
<th>WTJ-075055-02</th>
<th>WTJ-100075-02</th>
<th>WTJ-140100-02</th>
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</thead>
<tbody>
<tr>
<td>Table Size</td>
<td>50 x 40 mm</td>
<td>75 x 55 mm</td>
<td>100 x 75 mm</td>
<td>140 x 100 mm</td>
</tr>
<tr>
<td>Elevation Height</td>
<td>37 - 93 mm</td>
<td>37 - 138 mm</td>
<td>43 - 182 mm</td>
<td>52 - 255 mm</td>
</tr>
</tbody>
</table>

The flange pattern shown is for illustration purpose. Refer to Technical Reference Section for flange pattern details. The outline drawings shown are standard versions. Contact factory for your specific package requirements.
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