**UV-7 Antenna Headend Diplexer**

Model UV-7 is a high quality VHF, UHF antenna combiner, consisting of highly selective lowpass (VHF) and highpass (UHF) filters joined at common port. It is suitable for both analog and digital signals.

**Features**

- Low Thru Loss (< 1 dB)
- High Mutual Isolation (>55 dB)
- Good Return Loss: 18 dB VHF, 16dB UHF
- Impedance 75 Ω with F-type connectors female
- Available in sturdy RF shielded metal enclosures

**Order as:** UV-7 (indoor) ; UV-7X (outdoor)

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**Specifications**

<table>
<thead>
<tr>
<th>TV Band</th>
<th>VHF</th>
<th>UHF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Passband</td>
<td>40 - 220 MHz</td>
<td>470 - 800 MHz</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>.75 dB</td>
<td>1.0 dB</td>
</tr>
<tr>
<td>Return Loss</td>
<td>18 dB min</td>
<td>16 dB min</td>
</tr>
<tr>
<td>Stopband</td>
<td>470 to 800 MHz</td>
<td>5 - 220 MHz</td>
</tr>
<tr>
<td>Stopband</td>
<td>55 dB</td>
<td>70 dB</td>
</tr>
</tbody>
</table>

Impedance/Connectors: 75 ohms, F-female

Weight
- 0.75 lb indoor
- 0.75 lb outdoor

Dimension (in)
- 4"L x 2.25"H x 2"W (indoor)
- 4.25L x 2.5W x 3.25H (outdoor)