## Q10 Series Data Sheet HF Coils

**RoHS**

**Temperature Constant TC< 35ppm/°C**

![Coil-Q Corp Logo](logo.png)

**PRECISION, TEMPERATURE STABLE, RELIABLE.**

MADE IN USA SINCE 1968

Tel# 914 337-4775, Fax# 914 779-7109, E-mail; coilqcorp@aol.com

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**Ferrite versions Available Too +300mH. Too Many Transformer**

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**Custom Precise Values With Higher Q Available Upon Request**

<table>
<thead>
<tr>
<th>Catalog No</th>
<th>L nom uH</th>
<th>Q @ L nom</th>
<th>F Test MHz</th>
<th>Fo @ L Nom MHz</th>
<th>DCR Ohms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q10V-.027uH</td>
<td>.024 -.029</td>
<td>130</td>
<td>100</td>
<td>1550</td>
<td>&lt;.1</td>
</tr>
<tr>
<td>Q10V-.033uH</td>
<td>.029 -.036</td>
<td>130</td>
<td>100</td>
<td>1450</td>
<td>&lt;.1</td>
</tr>
<tr>
<td>Q10V-.043uH</td>
<td>.036 -.047</td>
<td>140</td>
<td>100</td>
<td>1320</td>
<td>&lt;.1</td>
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<tr>
<td>Q10V-.056uH</td>
<td>.047 -.063</td>
<td>140</td>
<td>100</td>
<td>1190</td>
<td>&lt;.1</td>
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<tr>
<td>Q10V-.068uH</td>
<td>.060 -.080</td>
<td>150</td>
<td>100</td>
<td>1050</td>
<td>&lt;.1</td>
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<tr>
<td>Q10V-.082uH</td>
<td>.075 -.100</td>
<td>150</td>
<td>100</td>
<td>880</td>
<td>&lt;.1</td>
</tr>
</tbody>
</table>

For the most exacting tuning and filter applications:

**Features:**

- Highest Q for its size without the use of ferrites
- Very low Temperature Constant (TC) 35ppm/°C
- Magnetic and electrostatic shielding
- Sealed in epoxy for moisture protection
- Very low distributed capacitance
- 73 stock values from 0.1 to 100,000 µH plus 9 nanohenery inductors
- Designed to meet Mil-C-15305 C, Grade 1
- RoHs Compliant
- No SVHC
- Aerospace Certified
- Quick Samples
- Filter Design Available