

IQD launches new range of high specification AT-cut crystals

ECN Europe

[IQD Frequency Products](#) [1] has launched a new range of high specification crystals for specialist applications such as military, radar and pagers. Manufactured at its IQD FOQ division in Germany, the crystals are available in a variety of package styles including UM1, HC49, HC43CW (TO8) and HC45CW.



[2]

Picture: IQD

For the highest possible 'Q' factor, the Cold Weld (CW) packages should be specified. The 'Q' factor is a measurement of the loss of energy within the quartz. This is effected by the quality of the blank, surface finish (lapping), mounting technique and sealing. The maximum attainable short term stability of a crystal also depends on the 'Q' value.

[SOURCE](#) [3]

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<http://www.ecnmag.com/blogs/2011/11/iqd-launches-new-range-high-specification-cut-crystals>

Links:

[1] <http://www.iqdfrequencyproducts.com>

[2] <http://ecneurope.files.wordpress.com/2011/11/071111-iqd.jpg>

[3] <http://ecneurope.wordpress.com/2011/11/07/iqd-launches-new-range-of-high-specification-at-cut-crystals/>