



Spectrum available for Powerline Carrier Systems

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Powerline Carrier Systems

The Energy Networks Association may make assignments for power line carrier systems in the bands below. These systems fall into two categories –

- Normally Quiescent Carrier Systems. These systems may use any frequency within the range 30.0 to 526.5 kHz.
- Continuous Carrier Systems. These systems may also use frequencies within the range 30.0 to 526.5 kHz. This use is in accordance with the availability of the bands and restrictions listed below in the table below.

The frequency bands listed below are also noted in the UK Frequency Allocation Table under footnote 13.

Band (kHz)	Availability and Restriction
30 to 59	Available without restriction.
59 to 61	Not available - to guard reception of TIME SIGNALS and STANDARD FREQUENCY transmissions.
61 to 90	Available without restriction.
90 to 110	Not available.
110 to 129	Available without restriction.
129 to 132	Available without restriction.
132 to 135	Not available.
135 to 138	Available but note presence of the Amateur service.
138 to 146	Available without restriction.
146 to 148	Not available.
148 to 193	Available without restriction.
193 to 203	Not available.
203 to 222	Available without restriction.
222 to 232	Not available.
232 to 247	Available without restriction.
247 to 489	Not available - to guard AERONAUTICAL RADIONAVIGATION and maritime radio beacons.
489 to 491	Available subject to protection of Maritime Safety Information (GMDSS).

Band (kHz)	Availability and Restriction
491 to 495	Available.
495 to 505	Not available - to guard DISTRESS traffic on 500 kHz.
505 to 526.5	Available - subject to protection of NAVTEX service.