

## Band Selective Repeater

### Product Description

In mobile communication repeaters would be an optimal solution to cover areas that can't be covered by base stations. Kavveri's band selective repeater is an ideal solution for operators in more than one system and more than one sub bands.

Band selective repeater is mainly used in areas with no or weak signal such as office restaurants, apartments, shopping malls,, parking lots etc

### Technical Specifications

|                            |   |             |
|----------------------------|---|-------------|
| Model No                   | 208 140 01  |             |
| Frequency Range (Uplink):  | 890 – 915 MHz   |             |
| Frequency Range (Downlink) | 935 – 960 MHz   |             |
| Band width                 | Bandwidth available upon request                        |             |
| Maximum Gain               | UL : 90 dB  | DL : 90 dB  |
| Manual gain control        | 31 dB @ 1 dB step                                       |             |
| AGC                        | 20 dB   |             |
| Bandwidth flatness (P-P)   | 3 dB  |             |
| Out of band rejection      |   |             |
| +/- 400 KHz                | < 50 dB   |             |
| +/- 600 KHz                | < 40 dB   |             |
| +/- 1 MHz                  | < 35 dB   |             |
| +/- 5 MHz                  | < 25 dB   |             |
| Output power               | UL : 24 dBm   | DL : 40 dBm |
| Spurious emission          | ≤-36 dBm (9 KHz - 1GHz)<br>≤-30 dBm (1 GHz - 12.75 GHz) |             |
| Return Loss                | ≤-10 dB   |             |
| Group delay                | ≤ 4µs   |             |
| Temperature Range          | -20° C to +70° C  |             |
| Humidity                   | 5 to 95%  |             |

### Product Photo

