

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	208 240 01	
Frequency Range (Uplink):	1710 – 1785 MHz	
Frequency Range (Downlink)	1805 – 1880 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) ≤-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

