



The CBB902.5/934SK-S1 is a High "Q" Low PIM Paging, 2 Port device - Duplexer. This unit will reject ANY signals Outside Paging Uplink and desired DL Paging Bands.. Best solution for already existing Repeater solution for Paging applications that aspire to reject complete services. Please call for other connector Type of Band Pass options.

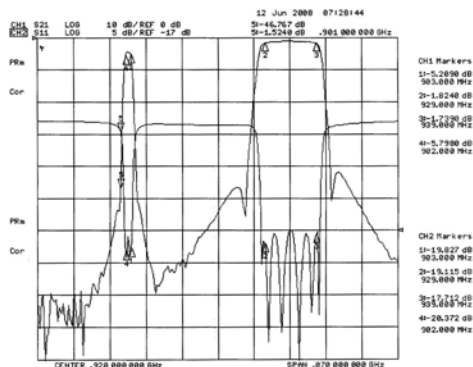
**Model: CBB902.5/934SK-S1**

1. Electrical Characteristics	
Item	Value
Uplink 1dB Pass Band Frequency Range [MHz]	902 ~ 903
Downlink 1dB Pass Band Frequency Range [MHz]	929 ~ 939
Uplink Pass Band Insertion Loss @ Fo [dB]	< 3.9, 3.8 (Typ.)
Downlink Pass Band Insertion Loss @ Fo [dB]	< 1.1, 1.0 (Typ.)
Pass Band Ripple [dB]	< 0.4 P-T-P
Rejection @ DC to 901 MHz [dBc]	40 (Min.), 45 (Typ.)
Rejection @ 904 to 925 MHz [dBc]	30 (Min.), 35 (Typ.)
Rejection @ 943 to 1800 MHz [dBc]	40 (Min.), 45 (Typ.)
IM Products, IM3 @ 2 x 33 dBm [dBc]	-143 (Min.)
IM Products, IM3 @ 2 x 43 dBm [dBc]	-133 (Typ.)
VSWR Both Pass Bands	< 1.28:1
Input/Output	DC Potential
Input / Output Impedance	50 Ω
RF power Capability CW	80 Watts
RF power Capability PEAK	850 Watts

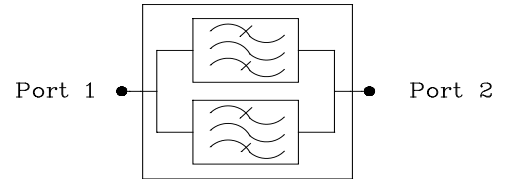
2. Mechanical Characteristics	
Final Finish (OPTIONAL)	Epoxy Gray
Dimensions (Including Mounting Hardware, exc. Connectors)	10.8" x 6.0" x 6.7"
Weight [lb / kg]	11.0 / 4.95
Connectors (Other connectors option are available: please call)	N-Type Female (LOW PIM)

3. Environment Characteristics	
Operating Temperature	-20°C ~ +55°C

**4. Plots**



**5. Block Diagram**



**6. Outline Drawing**

