



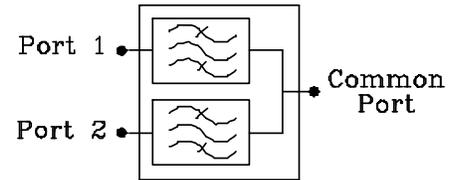
The CD751/887SK-F5 is Medium Power LTE / CELL - GSM900 Diplexer/Combiner. This is the most economic approach to Add CELL service to existing LTE install or vice versa. Low Loss with High Isolation. Excellent solution as part of Modular Expansion products offered by G-Way Microwave. Please call for other available options. Connector types can be replaced with SMA/TNC.



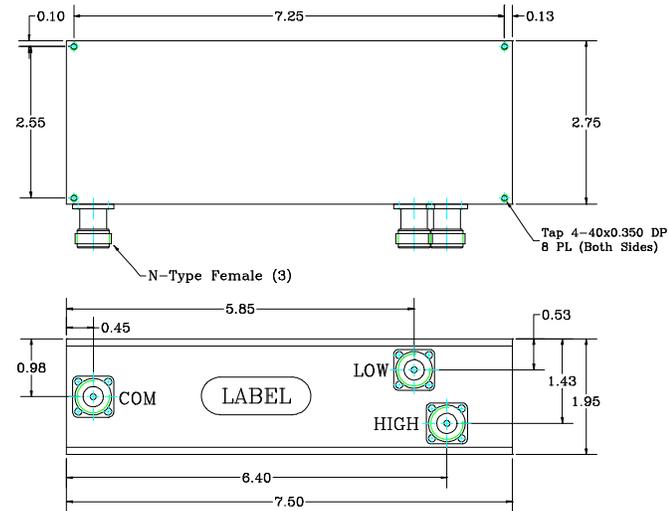
Model: CD751/887SK-F5

1. Electrical Characteristics	
Item	Value
LOW Pass Band Frequency Range [MHz]	698 ~ 804
HIGH Pass Band Frequency Range [MHz]	824 ~ 950
Pass Band Insertion Loss [dB]	< 0.4 (Typ.)
Pass Band Ripple [dB]	< 0.5 P-T-P
LOW Band Rejection @ 824 to 950 MHz [dBc]	65 (Min.), 70 (Typ.)
HIGH Band Rejection @ 698 to 804 MHz [dBc]	55 (Min.), 60 (Typ.)
IM Products, IM3 @ 2 x 33 dBm [dBc]	-133 (Typ.)
VSWR Both Pass Bands	< 1.28:1
Input/Output	DC Potential
Input / Output Impedance	50 Ω
RF power Capability CW	10 Watts

5. Block Diagram



6. Outline Drawing



2. Mechanical Characteristics	
Final Finish (OPTIONAL)	Epoxy Gray
Dimensions (Including Mounting Hardware, exc. Connectors)	7.5" x 2.75" x 1.95"
Weight [lb / kg]	2.2 / 1.0
Connectors	N-Type Female

3. Environment Characteristics	
Operating Temperature	-30°C ~ +65°C

4. Plots

