



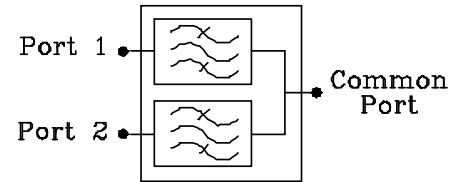
The CD751/887MK-D3 is High Power High “Q”, Low PIM LTE / CELL - GSM900 Diplexer/Combiner. This is best approach to add CELL service to existing LTE install or vice versa and use in conjunction with other G-Way products. Low Loss with High Isolation. Excellent solution as part of Modular Expansion products offered by G-Way Microwave. Please call for other available options. Connector types can be replaced with SMA/TNC or 7/16 DIN.



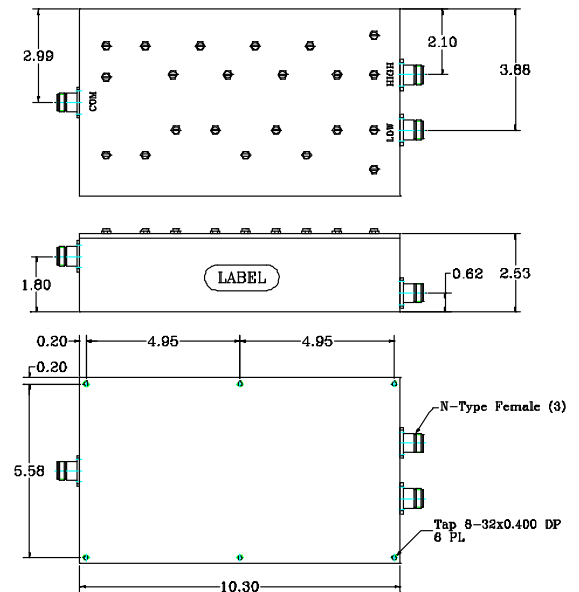
**Model: CD751/887MK-D3**

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]	60 (Min.), 65 (Typ.)
HIGH Band Rejection @ 698 to 804 MHz [dBc]	60 (Min.)
IM Products, IM3 @ 2 x 33 dBm [dBc]	-133 (Min.)
IM Products, IM3 @ 2 x 43 dBm [dBc]	-143 (Typ.)
VSWR Both Pass Bands	< 1.28:1
Input/Output	DC Potential
Input / Output Impedance	50 Ω
RF power Capability CW	80 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]	8.4 / 3.8
Connectors	N-Type Female (Low PIM)

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

**4. Plots**

