



The CD2400/5787.5MK-D2 is a High Isolation, Diplexer/Combiner. Unit is used to inject 5.8GHz WiFi signal to existing deployment. Excellent solution as part of Modular Expansion products offered by G-Way Microwave. Please call for other options available options. Connector types can be replaced with SMA/TNC.



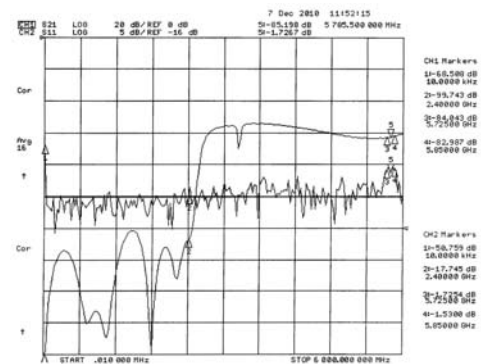
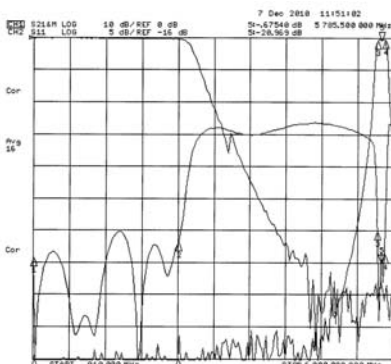
Model: CD2400/5787.5MK-D2

1. Electrical Characteristics	
Item	Value
LOW Pass Band Frequency Range [MHz]	50 ~ 2400
HIGH Pass Band Frequency Range [MHz]	5725 ~ 5850
LOW Pass Band Insertion Loss [dB]	< 0.5, 0.3 (Typ.)
HIGH Pass Range Insertion Loss [dB]	< 0.8, 0.6 (Typ.)
Pass Band Ripple [dB]	< 0.2 P-T-P
Isolation between Filters [dB]	60 (Min.), 65 (Typ.)
VSWR Both Pass Bands	< 1.28:1
Input / Output Impedance	50 Ω
RF power Capability CW both filters	20 Watts
RF power Capability PEAK both filters	80 Watts

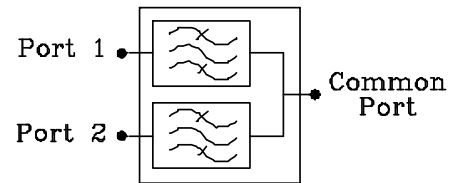
2. Mechanical Characteristics	
Final Finish (OPTIONAL)	Epoxy Gray
Dimensions (Including Mounting Hardware, exc. Connectors)	3.8" x 1.7" x 1.0"
Weight [lb / kg]	0.6 / 0.2
Connectors	N-Type Female

3. Environment Characteristics	
Operating Temperature	-30°C ~ +75°C

4. Plots



5. Block Diagram



6. Outline Drawing

