



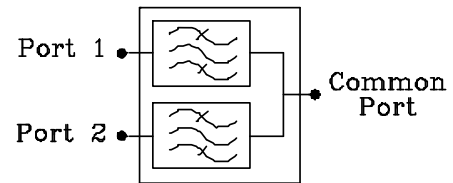
The CD1000/2470SK-B3 is a High Isolation, Diplexer/Combiner. Unit is used to inject 2.4 GHz WiFi signal to existing deployment. Excellent solution as part of Modular Expansion products offered by G-Way Microwave. Please call for other options available options. Connector types can be replaced with SMA/TNC.



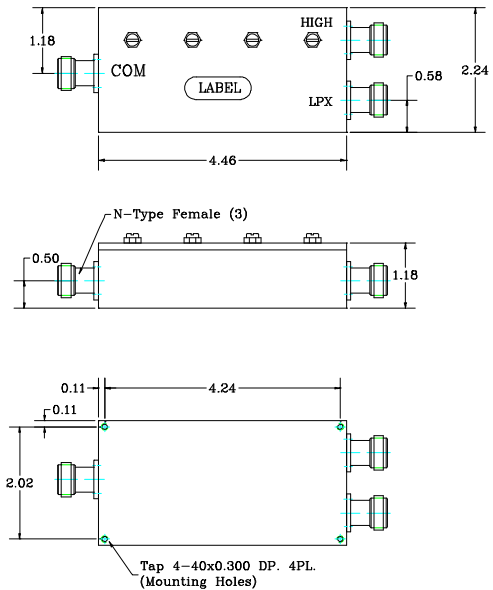
Model: CD1000/2470SK-B3

1. Electrical Characteristics	
Item	Value
LOW Pass Band Frequency Range [MHz]	50 ~ 1000
HIGH Pass Band Frequency Range [MHz]	2440 ~ 2500
LOW Pass Band Insertion Loss [dB]	< 0.5, 0.3 (Typ.)
HIGH Pass Range Insertion Loss [dB]	< 0.5, 0.3 (Typ.)
Pass Band Ripple [dB]	< 0.2 P-T-P
Isolation between Filters [dB]	70 (Min.), 75 (Typ.)
VSWR Both Pass Bands	< 1.28:1
Input / Output Impedance	50 Ω
RF power Capability CW both filters	30 Watts
RF power Capability PEAK both filters	80 Watts

5. Block Diagram



6. Outline Drawing



2. Mechanical Characteristics	
Final Finish (OPTIONAL)	Epoxy Gray
Dimensions (Including Mounting Hardware, exc. Connectors)	4.5" x 2.3" x 1.2"
Weight [lb / kg]	0.6 / 0.22
Connectors	N-Type Female

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

4. Plots

