

Product Specification

CMIPD5-400W-P Plastic Cavity Power Combiner

Electrical Specifications

Parameters	Specifications				
Frequency Range	791 ~ 821MHz	925 ~ 960 MHz	1805 ~ 1880 MHz	2110 ~ 2200 MHz	2620 ~ 2690 MHz
Return Loss	≥15 dB	≥15 dB	≥15 dB	≥15 dB	≥15 dB
Insertion Loss	≤0.7 dB	≤0.7 dB	≤0.7 dB	≤0.5 dB	≤0.5 dB
Rejection	≥40 dB @ 832 ~ 862 MHz	≥40 dB @ 880 ~ 915 MHz	≥40 dB @ 1710 ~ 1785 MHz & 1920 ~ 1980 MHz	≥40 dB @ 1920 ~ 1980 MHz	≥40 dB @ 2500 ~ 2570 MHz
Isolation	≥40 dB @ 791 ~ 821 MHz & 925 ~ 960 MHz & 1805 ~ 1880 MHz & 2110 ~ 2200 MHz & 2620 ~ 2690 MHz				
Coupling	30 dB ~ 50 dB				
Input Power	80 W [Average] Max; 300 W [Peak] Max				
Output Power	400 W [Average] Max; 1500 W [Peak] Max				
Impedance	50 Ω				
Temperature Range	-20 ° ~ +70° C				
Port Connectors	COM: 4.3-10 - Female; Input Port: N - Female; CPL: SMA - Female				
Finish	Black Paint				
Dimensions	See Attached Drawings [Dimensions are in inches[mm]]				
Weight	3.1 lbs [1.4 kg]				

Outline Drawing

