

## LC Combiner

### Preliminary Specifications

Serial	Parameters	87.5-108MHz	470-600MHz
1	Insertion loss	≤1.0dB	≤1.0dB
2	In-band ripple	≤0.6dB	≤0.6dB
3	Rejections	≥40dB@470-600MHz	≥40dB@87.5-108MHz
4	Isolation	≥40dB@87.5-108MHz & 470-600MHz	
5	Return loss	≥15dB	
6	Impedance	50Ω	
7	Power	50W	200W
8	Temperature Range	-25°C to +65°C	
9	Connector	N-Female	
10	Finish	Conductive oxidation of aluminum	
11	Environment	Indoor	
12	Dimension	L x W x H: 90mm x 86mm x 28mm	

