

N-Wave

Dual Band Combiner

Technical Data

Type No.	NW3-DB21NF-CEL/LTE-15-5W	
	Port1	Port2
Pass band	806-960 or 1710-2170 MHz	2400-2700 MHz
Insertion loss	≤ 0.25 dB (800, 900) and ≤ 0.5 dB (1800, 2100)	≤ 0.5 dB
In Band Ripple	<0.3 Db	
Return loss	> 20 dB	
Isolation between systems	≥ 50 dB	
Power capacity per port	250W average 3kw peak	
Impedance in/out	50 Ω	
Inter modulation products	< -150 dBc (2-tone x 20W)	
DC pass	Pass	Block
DC+AISG	5A+2.176 MHz(options*)	
Temperature range	-40 – 65 °C	
Connectors	N female (long neck)	
Sealing	IP54	
MTBF	10 million hours	
Safety	EN60 950	
Lightning protection	3 kA, 10/350 μs pulse	
Humidity	Relative 0 – 95 %	
Weight	<4.2 kg	
Material	Aluminum	
Dimensions (w x h x d)	Single Unit: 160 x180x 51 mm	

