

# G13x5027-V02 Triple Band Combiner



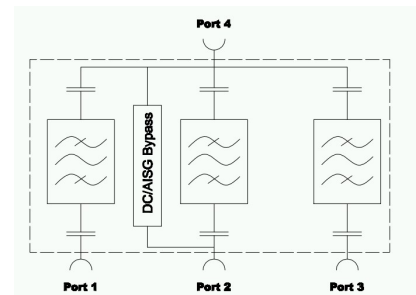
703-788 / 791-960 / 1427-3800

Triple Band Combiner 703-788 / 791-960 / 1427-3800

*Preliminary*

Type	G1315027-v02 Single Unit	G1325027-v02 Double Unit
Frequency (MHz)		
Port 1	703-788	
Port 2	791-960	
Port 3	1427-3800	
Insertion Loss (dB)	Port 1: $\leq 0.7$ (703-785) / $\leq 1.0$ (785-787) / $\leq 1.5$ (787-788) Port 2: $\leq 1.5$ (791-792) / $\leq 1.0$ (792-800) / $\leq 0.7$ (800-960) Port 3: $\leq 0.3$ (1427-3800)	
Isolation (dB)	$\geq 40$	
PIM3 (dBc, @2x43dBm)	$\leq -160$	
VSWR	$\leq 1.25$	
Input Impedance (ohm)	50	
Max. Input Power (W)	Port 1: 200 Port 2: 200 Port 3: 200 (1427-2700) / 100 (2700-3800)	
ASIG/DC By-pass	Bypass at Port 2 (Max. 2500mA)	
Connectors	4.3-10 Female	
Dimension (mm) (excluding connectors and clamp)	260 x 300 x 88	260 x 300 x 181
Weight (kgs)	6.2	12
Ingress Protection Class	IP66	
Operational RH (%)	$\leq 95$	
Operating Temperature (°C)	-40 to +60	
Storage Temperature (°C)	-40 to +85	
Barometric Pressure (kPa)	55 to 106	
Mounting	Wall Mount	

(D)81154170/91154170



Block Diagram

**G13x5027-V02**  
**Triple Band Combiner**



**703-788 / 791-960 / 1427-3800**

