

# G12x3025-V04 Dual Band Combiner



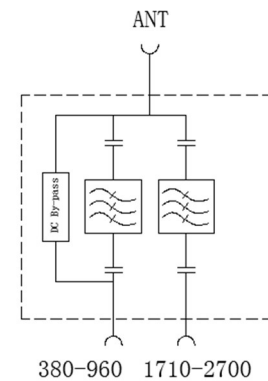
**380-960 / 1710-2700**

**Dual Band Combiner 380-960 / 1710-2700**

**Preliminary**

Type	<b>G1213025-V04</b> Single Unit	<b>G1223025-V04</b> Double Unit
Frequency (MHz)		
Port 1	380-960	
Port 2	1710-2700	
Insertion Loss (dB)	≤ 0.25	
Isolation (dB)	≥ 50	
PIM3 (dBc, @2x43dBm)	≤ -160	
VSWR	≤ 1.25	
Return Loss (dB)	≥ 19	
Input Impedance (ohm)	50	
Max. Input Power (W)	300 per Port	
ASIG/DC By-pass	Bypass at Port 1 (380-960) (Max. 2500mA)	
Connectors	4.3-10 Female	
Dimension (mm) (excluding connectors and clamp)	214 x 118 x 46	214 x 118 x 94
Weight (kgs)	2.5	5.1
Ingress Protection Class	IP67	
Operational RH (%)	≤ 95	
Operating Temperature (°C)	-20 to +60	
Storage Temperature (°C)	-40 to +85	
Barometric Pressure (kPa)	55 to 106	
Lightning Protection	IEC 61000-4-5 / 3kA@10/350μS; 8kA@8/20μS	
Mounting	Wall Mount or Pole Mount (Pole Size: Ø40-115mm)	

(E)70112N



**Block Diagram**

**G12x3025-V04  
Dual Band Combiner**



**380-960 / 1710-2700**

