

## APG- Tri-Band Combiner (Version A)

### 1. Electrical Specifications

Frequency Range (MHz)	698-960	1710-2710	3300-3800
Insertion Loss (dB)	<0.4		
Isolation (dB)	>50		
Return Loss (dB)	$\geq 19$		
VSWR	$\leq 1.25$		
Intermodulation Products (dBc)	$\leq -155$ (2 x 20 W carrier)		
Maximum Input (W)	300		
Operating temperature (°C)	-40 to +65		
Relative humidity (°C)	0 ~ 95 %		
Impedance ( $\Omega$ )	50		
Dimensions HxWxD (in)   (mm)	6.7 x 5.7 x 1.97   170 x 145 x 50		
Weight (lb)   (g)	5.73   2600		
Lightning Protection	3kA; 10/350 $\mu$ s pulse		
Connector Type	4.3-10 Female or DIN Female		
Ingress protection	IP67		
Color	Grey		

### 2. Outline Dimension

