

7834x002v01

Quad Band Combiner 690-862 / 880-960 / 1427-1880 / 1920-2690

Quad Band Combiner
703-788 / 791-862 /
880-960 / 1710-2170

Type	78341002v01 Single Unit	78342002v01 Double Unit
Frequency (MHz)		
Band 1	703-788	
Band 2	791-862	
Band 3	880-960	
Band 4	1710-2170	
Insertion Loss (dB)	≤ 1.8 @703-862MHz/ 791-862, ≤0.5@880 - 960MHz, ≤0.4@1710-2170MHz	
Isolation (dB)	≥30dB between Port1 Port2 Port3 ≥50dB between Port4 to other Port	
PIM3 (dBc, @2x43dBm)	≤ -160	
Return Loss (dB)	≥ 18	
Input Impedance (ohm)	50	
Max. Input Power (W)	200 per Port	
ASIG/DC By-pass	Bypass at All Ports	
Connectors	4.3-10 Female	
Dimension (mm)*	234 x 288 x 58	234 x 288 x 119
Weight (kgs)	4.2	8.5
Ingress Protection Class	IP67	
Operational RH (%)	≤ 95	
Operating Temperature (°C)	-40 to +65	
Storage Temperature (°C)	-50 to +85	
Lightning protection	5kA; 8/20 μs pulse	
Barometric Pressure (kPa)	10kA@8/20μS	
Mounting	Wall Mount or Pole Mount (Pole Size: Ø35-125mm)	
Color	Light grey	



Single Unit



Double Unit

*excluding connectors and clamp

Dimensions

Double unit

