

7833x003v01

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

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

Type	78331003v01 Single Unit	78332003v01 Double Unit
Frequency (MHz) Port 1 Port 2 Port 3	703-788 791-960 1427-3800	
Insertion Loss (dB)	Port 1: ≤ 0.7 (703-785) / ≤ 1.0 (785-787) / ≤ 1.5 (787-788) Port 2: ≤ 1.5 (791-792) / ≤ 1.0 (792-800) / ≤ 0.7 (800-960) Port 3: ≤ 0.3 (1427-3800)	
Isolation (dB)	≥ 40	
Return Loss (dB)	≥ 19	
PIM3 (dBc, @2x43dBm)	≤ -150	
VSWR	≤ 1.25	
Input Impedance (ohm)	50	
Max. Input Power (W)	Port 1: ≤ 200 @703-786.5MHz, ≤ 100 786.5-787.5Mhz, ≤ 787.5 -788MHz Port 2: ≤ 200 Port 3: ≤ 200 (1427-2700) / ≤ 100 (2700-3800)	
ASIG/DC By-pass	Bypass all ports (Max. 2500mA)	
Connectors	4.3-10 Female	
Dimension (mm)*	290 x 200 x 84	290 x 200 x 174
Weight (kgs)	5.7	11.3
Ingress Protection Class	IP66	
Lightning protection	10kA;18/20 μ s pulse	
Operational RH (%)	≤ 95	
Operating Temperature (°C)	-40 to +60	
Storage Temperature (°C)	-40 to +85	
Barometric Pressure (kPa)	55 to 106	
Mounting	Wall or pole Mount (clamps included)	

Dimensions

