



830/1922.5-2132.5-1732.5 MHz Tri-Band Combiner



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**Part Number:
AM830-1922-2132-1732CD103**

ITEM	A to ANT				B to ANT		C to ANT	
	Center Frequency	830 MHz		1922.5 MHz		2132.5 MHz		1732.5 MHz
Bandwidth	F0±130 MHz		F0±72.5 MHz		F0±22.5 MHz		F0±22.5 MHz	
Insertion Loss	1.0 dB max		2.0 dB max		3.5 dB max		4.0 dB max	
Ripple in BW	0.5 dB max		1.0 dB max		1.2 dB max		1.5 dB max	
Return Loss	14dB min		14dB min		14dB min		14dB min	
Attenuation	Frequency	Attenuation	Frequency	Attenuation	Frequency	Attenuation	Frequency	Attenuation
	1710 MHz	25dB min	100~400MHz	30dB min	100~700MHz	70dB min	100~700MHz	70dB min
	2155~4000MHz	25dB min	1710 MHz	35dB min	700~960MHz	60dB min	700~960MHz	60dB min
			1755 MHz	22dB min	1710~1755MHz	50dB min	1775~1850MHz	8dB min
			2110 MHz	30dB min	1850~1995MHz	40dB min	1850~1995MHz	50dB min
			2155~4000MHz	35dB min	2500~4000MHz	30dB min	2110~2155MHz	45dB min
						2155~4000MHz	30dB min	
In/Out Impedance	50 Ω		50 Ω		50 Ω		50 Ω	
Operating Temp	-20~+70°C		-30~+85°C		-30~+85°C		-30~+85°C	

This product is RoHS compliant.

Outline Drawing:

