



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	Bandwidth	Insertion Loss	Ripple in BW	Return Loss	Attenuation	Frequency	Attenuation
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	
Operating Temp	-20~+70°C		-30~+85°C		-30~+85°C		-30~+85°C	

This product is RoHS compliant.

Outline Drawing:

