



# ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



## SMR 800- iDEN- PCS Multiband Diplexer Assembly

P/N: AD800-900-1800TR288

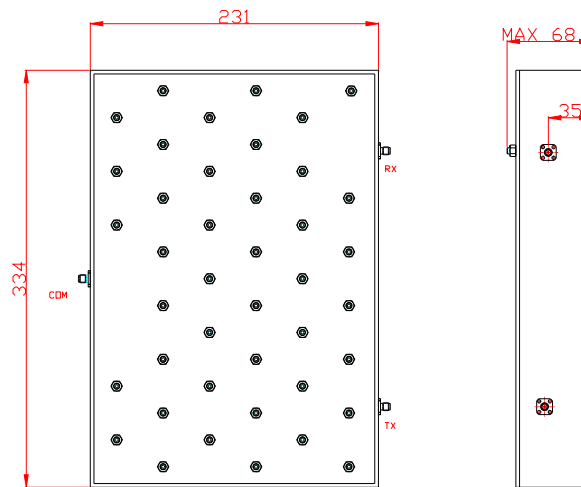
RX	Freq(MHz)	806-824 / 896-901 / 1850-1910
	Insertion loss(dB)	2.5
	Ripple(dB)	1.8 at band edges only
	return loss(dB)	14dB (<VSWR 1.5:1)
	Rejection (dB @MHz)	45dB@851-869
	Rejection (dB @MHz)	30dB@869-894
	Rejection (dB @MHz)	45dB@935-940
	Rejection (dB @MHz)	45dB@1930-1990
	Rejection (dB @MHz)	45dB@2400-2500
TX	Freq(MHz)	851-869 / 935-940 / 1930-1990
	Insertion loss(dB)	2.5
	Ripple(dB)	1.8 at band edges only
	return loss(dB)	14dB (<VSWR 1.5:1)
	Rejection (dB @MHz)	45dB@806-824
	Rejection (dB @MHz)	30dB@924-849
	Rejection (dB @MHz)	45dB@896-901
	Rejection (dB @MHz)	45dB@1850-1910
	Rejection (dB @MHz)	45dB@2400-2500
	Impedance	50 ohm
	Power handling	10W
	Temp. Range	-40°C ~ +45°C
	Connector Type	N-F
	Dimensions	About 334x231x68mm (max), including the height of tuning screws



**SMR 800- iDEN- PCS Multiband Diplexer Assembly**

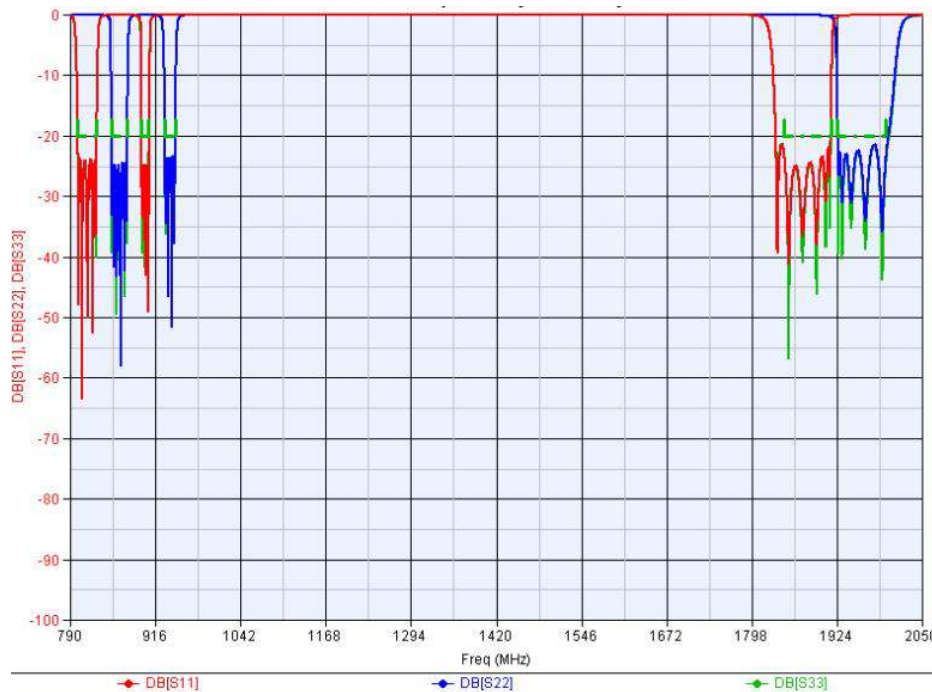
**P/N: AD800-900-1800TR288**

**Outline Drawing:**



**Simulation:**

**Common Port:**





**SMR 800- iDEN- PCS Multiband Diplexer Assembly**

**P/N: AD800-900-1800TR288**

RX Port:



TX Port:

