

# Product Specification

## ADX-H-2PLX Series (Duplexer)



### Electrical Specification

	ADX-H-2PLX-7F	ADX-H-2PLX-7P	ADX-H-2PLX-S8	ADX-H-2PLX-S89	ADX-H-2PLX-C
<b>Frequency Range</b>	Tx: 728-757 MHz Rx: 776.5-787 MHz Rx: 698-716 MHz	Tx: 758.5-775 MHz Rx: 788-805 MHz	Tx: 851-868.25 MHz Rx: 806.5-823.25 MHz	Tx: 851-868.25 MHz Tx: 935-940 MHz Rx: 806.5-823.25 MHz Rx: 896-901 MHz	Tx: 869.75-894 MHz Rx: 824.75-849
<b>Insertion Loss</b>	1.5 dB (Max)	1.5 dB (Max)	1.2 dB (Max)	1.2 dB (Max)	1 dB (Max)
<b>Passband Ripple</b>	4.0 dB (Max)	4.0 dB (Max)	3.0 dB (Max)	3.0 dB (Max)	3.0 dB (Max)
<b>VSWR</b>	≤ 1.2 : 1				
<b>Rolloff 1</b>	Tx: 25 dBc @ 758 MHz Rx: 30 dBc @ 774.5 MHz Rx: 30 dBc @ 728 MHz	Tx: 35 dBc @ 757 MHz Rx: 25 dBc @ 806 MHz	Tx: 25 dBc @ 849 MHz Rx: 25 dBc @ 804.5 MHz	25 dBc @ 804.5 MHz 20 dBc @ 891 MHz 25 dBc @ 849 MHz 15 dBc @ 930MHz 10 dBc @ 824 MHz	Tx: 25 dBc @ 896 MHz Tx: 25 dBc @ 851 MHz
<b>Rolloff 2</b>	Tx: 70 dBc @ 716 MHz --- Rx: 20 dBc @ 788 MHz	Tx: 25 dBc @ 776 MHz Rx: 25 dBc @ 787 MHz	Tx: 10 dBc @ 869 MHz Rx: 10 dBc @ 824 MHz	15 dBc @ 906 MHz 8 dBc @ 869 MHz 15 dBc @ 945 MHz	Tx: 10 dBc @ 869 MHz Rx: 10 dBc @ 824 MHz
<b>Rolloff 3</b>	---	Tx: 70 dBc @ 788 MHz Rx: 70 dBc @ 775 MHz	Tx: 35 dBc @ 869.75 MHz Rx: 30 dBc @ 824.75 MHz	30 dBc @ 824.75MHz 35 dBc @ 869.75MHz	Tx: 35 dBc @ 868.25 MHz Rx: 40 dBc @ 823.25 MHz
<b>Rolloff 4</b>	---	Tx: 70 dBc @ 824 MHz ---	Tx: 70 dBc @ 824 MHz Rx: 70 dBc @ 851 MHz	80 dBc @ 851 MHz 80 dBc @ 824 MHz	Tx: 60 dBc @ 849 MHz Rx: 60 dBc @ 869 MHz
<b>Power Rating (Average)</b>	10 W				
<b>Impedance</b>	50 Ω				

### Mechanical Specification

	ADX-H-2PLX-7F	ADX-H-2PLX-7P	ADX-H-2PLX-S8	ADX-H-2PLX-S89	ADX-H-2PLX-C
<b>Dimension (W x H x D)</b>	7.0 x 6.4 x 2.6 in	7.7 x 5.0 x 2.6 in	7.0 x 4.9 x 2.6 in	7.0 x 7.7 x 2.6 in	7.0 x 5.0 x 2.6 in
<b>Weight</b>	5.24 lbs	4.43 lbs	4.16 lbs	6.33 lbs	4.26 lbs
<b>Connector</b>	N-Type (Female)				
<b>Operating Temperature</b>	14° – 140° F				
<b>Weather Resistance</b>	IP60				

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