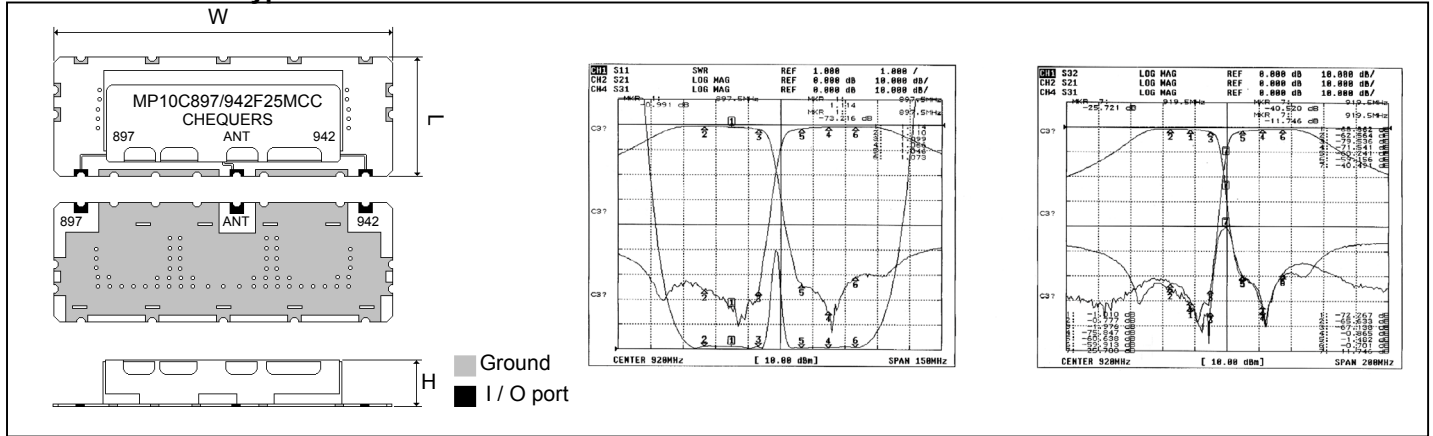




Dielectric Duplexer (Array and Mono Type)

• Dimension and Typical Characteristics



• Electrical Characteristics

Part Number		Center Frequency fo (MHz)	Bandwidth (MHz)	Insertion Loss (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm max.)	Application
AD7C830/875F10HCA	Tx	830.0	fo ± 5.0	2.5	1.5	50.0 (fr ± 5.0MHz)	47.0 x 19.0 x 7.0	China CDMA
	Rx	875.0	fo ± 5.0	2.5	1.5	55.0 (ft ± 5.0MHz)		
AD8C830/875F10QCA	Tx	830.0	fo ± 5.0	2.0	1.5	48.0 (fr ± 5.0MHz)	100.0 x 34.0 x 14.0	
	Rx	875.0	fo ± 5.0	2.0	1.5	50.0 (ft ± 5.0MHz)		
AD9C830/875F10KCA	Tx	830.0	fo ± 5.0	2.8	1.5	60.0 (fr ± 5.0MHz)	57.0 x 19.0 x 7.5	
	Rx	875.0	fo ± 5.0	2.5	1.5	60.0 (ft ± 5.0MHz)		
MD8C830/875F10FCA	Tx	830.0	fo ± 5.0	2.5	1.7	45.0 (fr ± 5.0MHz)	24.0 x 10.0 x 4.1	
	Rx	875.0	fo ± 5.0	3.2	1.7	50.0 (ft ± 5.0MHz)		
MP10C830/875F10FCA	Tx	830.0	fo ± 5.0	2.4	1.5	45.0 (fr ± 5.0MHz)	30.0 x 12.0 x 5.3	
	Rx	875.0	fo ± 5.0	3.3	1.5	60.0 (ft ± 5.0MHz)		
MP10C820/872F15NCA	Tx	827.5	fo ± 7.5	2.2	1.5	10.5 (fr ± 7.5MHz)	42.0 x 17.5 x 9.5	
	Rx	872.5	fo ± 7.5	2.2	1.5	10.5 (ft ± 7.5MHz)		
MP10C1947/2137F15NCA	Tx	1947.5	fo ± 7.5	2.2	1.5	45.0 (fr ± 7.5MHz)	42.0 x 13.0 x 9.5	
	Rx	2137.5	fo ± 7.5	1.5	1.3	45.0 (ft ± 7.5MHz)		
MP10C830/875F10NCA	Tx	830.0	fo ± 5.0	1.8	1.5	60.0 (fr ± 5.0MHz)	42.0 x 18.0 x 9.5	W-CDMA
	Rx	875.0	fo ± 5.0	1.8	1.5	60.0 (ft ± 5.0MHz)		
AD7A836/881F25DCA	Tx	836.5	fo ± 12.5	2.6	1.7	40.0 (fr ± 12.5MHz)	23.0 x 15.0 x 4.5	Korea CDMA
	Rx	881.5	fo ± 12.5	3.7	1.8	50.0 (ft ± 12.5MHz)		
AD6A1950/2140F60DCA	Tx	1950.0	fo ± 30.0	2.8	1.8	40.0 (fr ± 30.0MHz)	21.0 x 15.0 x 4.5	IMT-2000
	Rx	2140.0	fo ± 30.0	2.5	1.8	48.0 (ft ± 30.0MHz)		
AD9C1950/2140F60HCA	Tx	1950.0	fo ± 30.0	2.6	1.8	48.0 (fr ± 30.0MHz)	47.0 x 18.0 x 7.0	
	Rx	2140.0	fo ± 30.0	2.0	1.8	52.0 (ft ± 30.0MHz)		
MP10C1950/2140F60NCA	Tx	1950.0	fo ± 30.0	1.8	1.5	60.0 (fr ± 30.0MHz)	43.5 x 13.0 x 9.5	
	Rx	2140.0	fo ± 30.0	1.8	1.5	60.0 (ft ± 30.0MHz)		
AD6A902/947F25DCA	Tx	902.5	fo ± 12.5	2.4	1.7	32.0 (fr ± 12.5MHz)	21.0 x 15.0 x 4.5	GSM
	Rx	947.5	fo ± 12.5	3.2	1.8	30.0 (ft ± 12.5MHz)		
AD9C902/947F25HCA	Tx	902.5	fo ± 12.5	4.3	1.8	42.0 (fr ± 12.5MHz)	47.0 x 19.0 x 7.0	
	Rx	947.5	fo ± 12.5	3.8	1.8	40.0 (ft ± 12.5MHz)		
AD9C902/947F25HCA	Tx	902.5	fo ± 12.5	3.1	1.5	44.0 (fr ± 12.5MHz)	57.0 x 19.0 x 7.5	
	Rx	947.5	fo ± 12.5	3.1	1.5	45.0 (ft ± 12.5MHz)		
MD10C902/974F25NCA	Tx	902.5	fo ± 12.5	2.5	1.5	55.0 (fr ± 12.5MHz)	42.0 x 18.0 x 9.5	
	Rx	947.5	fo ± 12.5	2.5	1.5	55.0 (ft ± 12.5MHz)		
MP10C897/942F25MCC	Tx	897.5	fo ± 12.5	2.3	1.5	55.0 (fr ± 12.5MHz)	57.0 x 19.0 x 8.5	
	Rx	842.5	fo ± 12.5	2.0	1.5	55.0 (ft ± 12.5MHz)		
AD8A3430/3530F60FCA	Tx	3430.0	fo ± 30.0	6.5	2.0	18.0 (fr ± 30.0MHz)	36.0 x 44.0 x 5.5	MMDS
	Rx	3530.5	fo ± 30.0	6.5	2.0	18.0 (ft ± 30.0MHz)		

- For other frequencies or specifications, please consult with our sales representatives for details.



● **Electrical Characteristics** (continued from the preceding page)

Part Number	Center Frequency fo (MHz)		Bandwidth (MHz)	Insertion Loss (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm max.)	Application
	Tx	Rx						
AD8C1805/2065FCA-M	Tx	1805.0	fo ± 55.0	19~21	1.5	51.0 (fr + 155.0MHz)	38.0 x 24.0 x 5.3	K-PCS W-CDMA
	Rx	2065.0	fo ± 105.0	19~21	1.5	51.0 (ft + 155.0MHz)		
AD7A1880/1960F60DCA	Tx	1880.0	fo ± 30.0	2.6	1.8	25.0 (fr ± 30.0MHz)	23.0 x 13.0 x 4.5	US-PCS
	Rx	1960.0	fo ± 30.0	3.5	1.8	22.0 (ft ± 30.0MHz)		
AD9C1747/1842F75KCA	Tx	1747.5	fo ± 37.5	3.8	1.5	25.0 (fr ± 37.5MHz)	47.0 x 18.0 x 7.0	DCS
	Rx	1842.5	fo ± 37.5	3.8	1.5	18.0 (ft ± 37.5MHz)		
AD10C1747/1842F75KCA	Tx	1747.5	fo ± 37.5	2.5	1.5	30.0 (fr ± 37.5MHz)	47.0 x 18.0 x 7.0	
	Rx	1842.5	fo ± 37.5	2.5	1.5	25.0 (ft ± 37.5MHz)		
MP10C1747/1842F75FCA	Tx	1747.5	fo ± 37.5	3.2	1.5	30.0 (fr ± 37.5MHz)	29.0 x 7.0 x 5.0	
	Rx	1842.5	fo ± 37.5	3.5	1.5	30.0 (ft ± 37.5MHz)		
MP10C1732/1827F45NCF	Tx	1732.0	fo ± 22.5	2.3	1.5	50.0 (fr ± 22.5MHz)	42.0 x 17.5 x 9.5	
	Rx	1827.0	fo ± 22.5	2.3	1.5	50.0 (ft ± 22.5MHz)		
AD4A1227/1575S20KCA	Tx	1227.0	fo ± 10.0	1.0	1.7	40.0 (fr ± 10.0MHz)	26.0 x 15.0 x 7.5	GPS
	Rx	1575.0	fo ± 10.0	1.0	1.7	40.0 (ft ± 10.0MHz)		
AD7B1595/2492F50/40FCA	Tx	1595.0	fo ± 25.0	2.0	1.5	45.0 (fr + 747.0MHz)	30.0 x 13.8 x 5.5	
	Rx	2492.0	fo ± 20.0	2.0	1.5	45.0 (ft - 747.0MHz)		
MP10C3483/3583F33FCA	Tx	3483.5	fo ± 16.5	2.5	1.5	50.0 (fr ± 16.5MHz)	30.0 x 8.8 x 5.0	Wireless LAN
	Rx	3583.5	fo ± 16.5	2.5	1.5	50.0 (ft ± 16.5MHz)		

- For other frequencies or specifications, please consult with our sales representatives for details.