

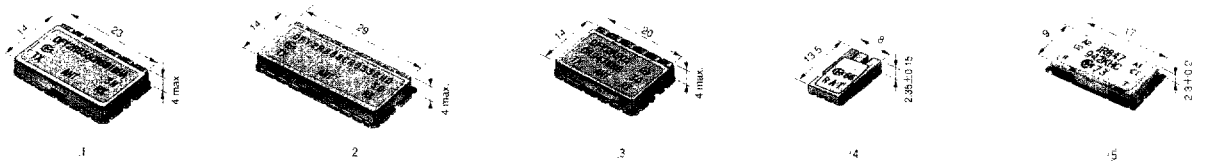


MICROWAVE FILTER



Microwave Filter (GIGAFIL[®])

■ Duplexer DP-Series 800/900MHz



(in mm)

System	Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss in Bandwidth (dB) max.	Attenuation (dB) min. (MHz)	Dimensions		
E-AMPS	DFY2R836CR881BHA	Tx	836.5 (F _T)	F _T ±12.5	2.8	43 (F _R ±12.5)	1	
		Rx	881.5 (F _R)	F _R ±12.5	3.7	50 (F _T ±12.5)		
	DFY2R836CR881BHD	Tx	836.5 (F _T)	F _T ±12.5	2.4	36 (F _R ±12.5)		1
		Rx	881.5 (F _R)	F _R ±12.5	4.0	45 (F _T ±12.5)		
LMR	DFY2R815CR860BHA	Tx	815.0 (F _T)	F _T ±10.0	2.0	40 (F _R ±10.0)	1	
E-TACS	DFY2R888CR933BHD	Tx	888.5 (F _T)	F _T ±16.5	3.4	36 (F _R ±16.5)	2	
		Rx	933.5 (F _R)	F _R ±16.5	5.1	49 (F _T ±16.5)		
GSM	DFY2R902CR947BHGD	Tx	902.5 (F _T)	F _T ±12.5	1.9	10 (925-935) 20 (F _R ±12.5)	3	
		Rx	947.5 (F _R)	F _R ±12.5	3.0	25 (F _T ±12.5)		
	DFY2R902CR947BHG	Tx	902.5 (F _T)	F _T ±12.5	1.8	30 (F _R ±12.5)	3	
		Rx	947.5 (F _R)	F _R ±12.5	3.2	27 (F _T ±12.5)		
	DFY2R902CR947BHGF	Tx	902.5 (F _T)	F _T ±12.5	1.2	15 (F _R ±12.5)	3	
		Rx	947.5 (F _R)	F _R ±12.5	3.2	28 (F _T ±12.5)		
DFY2R902CR947BHGJ	Tx	902.5 (F _T)	F _T ±12.5	1.6	8 (925-935) 15 (F _R ±12.5)	3		
	Rx	947.5 (F _R)	F _R ±12.5	3.2	27 (800-915)			
E-GSM	DFY2R897CR942BHB	Tx	897.5 (F _T)	F _T ±17.5	2.0	8 (925-935) 15 (935-960)	3	
		Rx	942.5 (F _R)	F _R ±17.5	4.3	25 (F _T ±17.5)		
PDC800	DFY2R820CR950KHB	Tx	950.0 (F _T)	F _T ±10.0	0.5	20 (F _R ±10.0)	4	
		Rx	820.0 (F _R)	F _R ±10.0	1.8	27 (F _T ±10.0)		
PDC800 (Dual-Band)	DFYJR847CR942KHC	Tx	942.5 (F _T)	F _T ±17.5	0.8	30 (2F _T), 30 (3F _T)	5	
		Rx1	847.5 (F _R)	F _R ±37.5	2.2	32 (550-570)		
		Rx2	847.5 (F _R)	F _R ±37.5	2.2	32 (600-625)		

■ Duplexer DP-Series 1500-2000MHz



(in mm)

System	Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss in Bandwidth (dB) max.	Attenuation (dB) min. (MHz)	Dimensions	
PDC1.5	DFYJ1R44C1R48LHA	Tx	1441.0 (F _T)	F _T ±12.0	0.8	28 (2F _T), 30 (3F _T)	1
		Rx1	1489.0 (F _R)	F _R ±12.0	2.5	10 (1607-1631)	
		Rx2	1489.0 (F _R)	F _R ±12.0	2.0	35 (1737-1761)	
DCS1800	DFY21R74C1R84BHE	Tx	1747.5 (F _T)	F _T ±37.5	2.3	20 (F _R ±37.5)	2
		Rx	1842.5 (F _R)	F _R ±37.5	2.7	20 (F _T ±37.5)	
	DFY21R74C1R84BHF	Tx	1747.5 (F _T)	F _T ±37.5	2.0	15 (F _R ±37.5)	2
		Rx	1842.5 (F _R)	F _R ±37.5	3.0	20 (F _T ±37.5)	
PCS	DFY21R88C1R96BHG	Tx	1880.0 (F _T)	F _T ±30.0	2.3	20 (F _R ±30.0)	2
		Rx	1960.0 (F _R)	F _R ±30.0	3.2	25 (F _T ±30.0)	
	DFY21R88C1R96BHF	Tx	1880.0 (F _T)	F _T ±30.0	2.0	17 (F _R ±30.0)	2
Rx	1960.0 (F _R)	F _R ±30.0	3.0	20 (F _T ±30.0)			