

Series	Frequency Range (MHz)	Insertion Loss (dB)	VSWR (max)	Impedance (Ω)	Application
FDB <ul style="list-style-type: none"> • Small Size, Lightweight • Thin Thickness • SMT Package Soldering • Dielectric Technology • Wide Frequency Range 300MHz ~ 8GHz 	5935 ~ 7125	3.5 @ 5935~5945 MHz 3.0 @ 5945~7125 MHz	2.0	50 Ω	Wi-Fi 6E
	5170 ~ 5320	2.6 @ 5170-5320 MHz 3.0 @ 5320-5330 MHz	2.0	50 Ω	Wi-Fi 6
	5490 ~ 5835	3.0 @ 5490-5500 2.7 @ 5500-5825 3.0 @ 5825-5335	2.0	50 Ω	Wi-Fi 6
	5170 ~ 5835	2.7 @ 5170-5825 3.0 @ 5825-5835	2.0	50 Ω	Wi-Fi 6
	5490 ~ 5850	2.2	1.67	50 Ω	Wi-Fi 6
	2320 ~ 2370	3.2	1.4	50 Ω	Wi-Fi 6
Microwave Telecommunication	5230 ~ 5250	1.5	1.9	50 Ω	Wi-Fi 6
Data Transfer	5150 ~ 5340	3.0	1.9	50 Ω	Wi-Fi 6
Radar	5480 ~ 5850	3.0	1.9	50 Ω	Wi-Fi 6
Electronic Counterwork	5480 ~ 5860	1.5	1.9	50 Ω	Wi-Fi 6
	5145 ~ 5325	2.5	1.9	50 Ω	Wi-Fi 6
Aviation & Spaceflight Navigation	5170 ~ 5330	3.0	1.67	50 Ω	Wi-Fi 6
Wireless Headset	5170 ~ 5330	2.3	1.67	50 Ω	Wi-Fi 6
	5490 ~ 5835	3.0	1.67	50 Ω	Wi-Fi 6
Wireless Microphone	5490 ~ 5835	2.3	1.67	50 Ω	Wi-Fi 6
	5490 ~ 5850	2.5	1.9	50 Ω	Wi-Fi 6

Note: This guide is a product overview, not exact electrical specification. Please refer to product series specification for electrical characteristics and orderable part number.

Series	Frequency Range (MHz)	Insertion Loss (dB)	VSWR (max)	Impedance (Ω)	Application
FDB • Dielectric Technology	4800 ~ 4900	1.5	1.4	50 Ω	Small Cell
	3700 ~ 3800	2.2	1.4	50 Ω	Small Cell
Microwave Telecommunication	4800 ~ 5000	2.5	1.4	50 Ω	Small Cell
	3350 ~ 3700	2.0	1.4	50 Ω	Small Cell
Aviation & Spaceflight Navigation	2515 ~ 2675	3.0	1.4	50 Ω	Small Cell
	1610 ~ 1676	2.0	1.4	50 Ω	Navigation GPS Beidou
Electronic Counterwork	2515 ~ 2675	3.0	1.4	50 Ω	Navigation GPS Beidou
	4800 ~ 5000	3.2	2.0	50 Ω	Navigation GPS Beidou
	975 ~ 1025	3.0	2.0	75 Ω	Docsis 4.0
BPF • LTCC Technology	475 ~ 675	2.7	2.0	75 Ω	Docsis 4.0

LOW PASS FILTER

Series	Frequency Range (MHz)	Insertion Loss (dB)	VSWR (max)	Impedance (Ω)	Application
FLP • Miniature LTCC • 0.675mm x 0.53mm x 0.25mm	2400 ~ 2482	0.50	1.2	50 Ω	Ultra Wide Band
	5150 ~ 6425	0.75	1.2	50 Ω	Ultra Wide Band
	50 ~ 1880			75 Ω	Docsis 4.0
	54 ~ 870	2.5	2.0	75 Ω	Docsis 4.0
	5 ~ 1002	2.6	2.0	75 Ω	Docsis 4.0
	5 ~ 1002	2.6	1.9	75 Ω	Docsis 4.0
	5 ~ 1002	2.05	2.0	75 Ω	Docsis 4.0

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Series	Frequency Range (MHz)		Insertion Loss (dB)		Impedance (Ω)	Application
	DL	UL	DL	UL		
FDDP • LTCC Technology	1805 ~ 1850	1695 ~ 1770	< 1.0	< 1.0	50 Ω	Telecommunication
	2110 ~ 2178	1710 ~ 1780	1.5	1.8		
Channel Selection	1930 ~ 1995	1850 ~ 1915	1.5	1.5	50 Ω	Telecommunication
Communications	1933 ~ 1998	1850 ~ 1915	3.8	3.5	50 Ω	Telecommunication
Beam Forming	1805 ~ 1880	1710 ~ 1785	2.4	2.4	50 Ω	Telecommunication

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