

Linear Phase Filters

Examples of our product range

Type:	XF-107S248	XF-214S89	XF-214S61	XF-214S59	XF-700S12
Frequency (MHz)	10.7	21.4			70
Passband (dB / kHz):	6.0 > $\pm$ 4.75 6.0 < $\pm$ 5.25	3.0 / $\pm$ 6.0 -	3.0 / $\pm$ 10 -	3.0 / $\pm$ 25 -	3.0 / $\pm$ 5.0 -
Insertion loss max.(dB):	6.0	4.0	4.0	6.0	6.0
Ripple max.(dB):	1.0	-	-	2.0	-
Group delay distortion $\Delta\tau(\mu\text{s} / \text{kHz})$	10 $\pm$ 5.0	20 $\pm$ 6.0	15 / $\pm$ 10	20 / $\pm$ 20	12 / $\pm$ 5.0
Stopband attenuation (dB / kHz) (dB / kHz):	60 / $\pm$ 30	80 / $\pm$ 30 -	40 / $\pm$ 25 70 $\pm$ 50	60 / $\pm$ 62.5	60 / $\pm$ 100
Ultimate attenuation (dB / kHz ... kHz):	> 80 / $\pm$ 150... $\pm$ 1000	> 80 / $\pm$ 30... $\pm$ 1000	> 90 / $\pm$ 75... $\pm$ 1000	> 60 / $\pm$ 62.5... $\pm$ 5000	> 60 / $\pm$ 100... $\pm$ 5000
Termination (Ω // pF):	1000 // 25	500 // 10	50	50	50
Case style:	BF-10	BF-32	BF-32	BF-32	BF-32
Temperature range ($^{\circ}\text{C}$)	-10 / +60	-20 / +70	-25 / +75	-30 / +55	0 / +50
Max. input power	1.0 mW				



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