

LINEAR PHASE FILTERS

Linear phase crystal filters are designed for Bessel or Gaussian pulse signal transmission with consideration to the linearity of phase characteristics.

■ Features

- Maximum flat group delay
- Low insertion loss
- Compactness and light weight
- Stable temperature characteristics

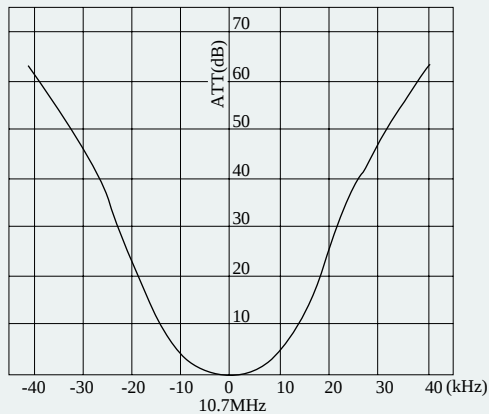
■ Attention on use

- Cannot be washed except for D types.

■ Linear Phase Filters

Model	Nominal Frequency (MHz)	Pole	Pass Bandwidth		Attenuation band width				Group Delay Variation		Ripple (dB)	Insertion Loss (dB)	Terminating Impedance (Ω // pF)	Operating Temp. Range (°C)	Type
			(dB)	(kHz)	(dB)	(kHz)	(dB)	(kHz)	(kHz)	(μ s)					
YF10.7-4	10.7	6	3	± 3.6	60	± 20	—	—	± 4	10	1	4	50//0	-10~+50	D-109
YF10.7-6	10.7	6	3	± 5.4	60	± 30	—	—	± 6	10	1	4	50//0	-10~+50	D-109
YF10.7-8	10.7	6	3	± 7.2	60	± 40	—	—	± 8	6	1	4	50//0	-10~+50	D-109
YF10.7-12	10.7	6	3	± 10.8	60	± 65	—	—	± 12	5	1	4	50//0	-10~+50	D-109
YF10.7-16	10.7	5	3	± 14.4	40	$\begin{smallmatrix} +110 \\ -80 \end{smallmatrix}$	—	—	± 16	5	1	6	50//0	-10~+50	D-109
YF10.7-20	10.7	5	3	± 18	40	$\begin{smallmatrix} +130 \\ -100 \end{smallmatrix}$	—	—	± 20	4	1	6	50//0	-10~+50	D-109
YF10.7-48	10.7	7	3	± 86.4	60	± 360	—	—	± 48	3	2	6	50//0	-10~+50	D-109
21M15BP	21.4	4	3	± 7.5	30	± 32	50	± 60	± 7.5	8	1	2	IN 3.9k// $\sim$ 3 OUT 5.5k// $\sim$ 3	-20~+70	D-161-D
21M20BP	21.4	4	3	± 10	35	± 65	—	—	± 10	5	1	2		-20~+70	D-161-D

Model : YF10.7-8



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