

General information

Filter possibilities

C filter:

Non exhaustive list of C filter values that HARTING can supply (for specials see page 05.114 ff)

C filter capacitance in pF	Minimum insertion loss								Max. working voltage	Max. dielectric withstanding
	Attenuation [dB] vs frequency [MHz]									
	0.1	1	5	10	50	100	500	1000		
47						30	35	500 V DC	750 V DC	
100					1	3	40	500 V DC	750 V DC	
150					1	6	45	500 V DC	750 V DC	
180					1	10	40	500 V DC	750 V DC	
270				1	3	12	35	500 V DC	750 V DC	
330				1	7	13	35	500 V DC	750 V DC	
470				1	10	15	35	500 V DC	750 V DC	
820				2	10	18	30	500 V DC	750 V DC	
1000			1	3	12	20	34	500 V DC	750 V DC	
1800			2	6	17	30	35	500 V DC	750 V DC	
3900		1	6	11	25	35	35	500 V DC	750 V DC	
4700		1	9	13	30	38	35	500 V DC	750 V DC	
5600		2	10	14	30	32	32	500 V DC	750 V DC	
10000		1	10	15	30	32	30	200 V DC	500 V DC	
33000	1	9	19	29	32	34	39	100 V DC	150 V DC	
47000	1	11	23	30	32	32	35	100 V DC	150 V DC	
100000	2	18	32	40	34	34	36	25 V DC	40 V DC	

Pi filter:

Non exhaustive list of Pi filter values that HARTING can supply (for specials see page 05.114 ff)

Pi filter capacitance in pF	Minimum insertion loss								Max. working voltage	Max. dielectric withstanding
	Attenuation [dB] vs frequency [MHz]									
	0.1	1	5	10	50	100	500	1000		
94						2	35	50	200 V DC	500 V DC
200					1	8	50	40	200 V DC	500 V DC
440				1	8	16	50	40	200 V DC	500 V DC
940				2	12	24	50	40	200 V DC	500 V DC
2000			2	7	17	40	45	40	200 V DC	500 V DC
4400			5	10	28	60	45	40	200 V DC	500 V DC
9400		2	10	15	48	50	45	40	200 V DC	500 V DC
20000		5	14	20	50	60	52	48	100 V DC	250 V DC
94000	2	15	32	50	51	52	48	42	50 V DC	125 V DC
200000	7	21	48	65	55	52	48	42	16 V DC	25 V DC