

Coaxial Diplexer

ZDPLX-6GEDU+

Typical Performance Data

FREQUENCY	INSERTION LOSS		Cross over isolation	RETURN LOSS		
(MHz)	(dB)		(dB)	(dB)		
	Lowpass port	Highpass port	(between LPF and HPF)	Common port	Lowpass port	Highpass port
10	0.02	60.92	61.07	55.79	54.45	0.00
30	0.03	51.45	51.53	44.85	44.71	0.00
50	0.04	47.03	47.09	39.91	40.08	0.00
100	0.05	41.07	41.09	32.98	33.08	0.00
200	0.08	35.13	35.16	26.48	26.65	0.01
250	0.09	33.25	33.27	24.55	24.57	0.01
500	0.19	27.79	27.65	18.31	18.29	0.03
750	0.31	25.13	24.72	15.20	15.19	0.06
1000	0.42	23.81	23.05	13.50	13.51	0.08
1500	0.56	23.49	22.09	12.50	12.59	0.09
2000	0.54	25.32	23.91	14.45	14.72	0.13
2300	0.49	28.67	28.31	18.62	19.88	0.17
2600	0.55	34.92	44.08	21.15	25.74	0.24
2680	0.60	30.92	34.40	19.35	21.76	0.27
2950	0.90	20.16	21.69	14.00	14.14	0.48
3000	0.98	18.85	20.25	13.34	13.32	0.54
3300	1.52	12.92	13.12	12.28	12.92	1.29
3500	2.49	7.84	9.36	18.22	20.17	3.22
3560	3.40	5.85	8.82	22.05	12.17	4.65
3650	5.90	3.49	9.18	16.78	5.84	7.86
3750	9.95	2.17	11.04	12.63	2.89	10.74
4000	18.44	1.28	17.31	11.68	1.07	11.38
4100	20.33	1.12	19.66	12.34	0.88	11.80
4600	29.35	0.74	30.34	16.21	0.57	15.15
4800	34.72	0.69	34.82	16.60	0.54	15.87
4900	38.22	0.68	36.99	16.65	0.53	16.14
5000	42.21	0.67	38.59	16.57	0.52	16.42
5250	41.00	0.66	37.56	16.48	0.51	16.89
5500	35.81	0.67	34.63	16.73	0.50	17.98
5750	33.13	0.66	32.67	17.01	0.50	19.27
6000	31.48	0.69	31.51	16.81	0.48	18.69
6250	30.47	0.75	31.03	15.46	0.46	16.58
6500	29.76	0.86	30.93	13.41	0.43	13.87
6750	29.29	1.05	31.09	11.46	0.40	11.27
7000	29.06	1.32	31.31	9.70	0.36	9.24
7250	28.90	1.70	31.46	8.08	0.35	7.49
7500	28.84	2.25	31.42	6.66	0.33	5.93
7750	28.85	3.02	30.97	5.26	0.33	4.54
7800	28.83	3.20	30.80	5.04	0.33	4.31
8000	28.92	4.09	29.99	4.08	0.33	3.38

REV. OR
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