Triplexer TPLX-E870+

Typical Performance Data

FREQUENCY (MHz)	INSERTIONLOSS (dB)			ISOLATION (dB)			RETURNLOSS (dB)			
	Lowpass port	Bandpass port	Highpass port	(between LPF and HPF)	(between BPF and HPF)	(between LPF and BPF)	Common port	Lowpass port	Bandpass port	Highpass port
1	0.05	81.92	82.03	85.92	95.10	79.13	55.67	57.37	0.04	0.03
10	0.06	59.84	71.09	71.09	120.80	59.83	43.07	43.45	0.02	0.02
20	0.06	53.88	64.87	65.02	110.77	53.92	38.60	39.80	0.01	0.01
30	0.07	50.50	61.34	61.61	121.36	50.56	35.75	37.65	0.01	0.01
40	0.07	48.14	58.95	59.14	98.64	48.28	33.75	36.60	0.00	0.00
50	0.07	46.44	57.03	57.34	100.12	46.61	32.18	35.36	0.00	0.00
60	0.08	45.18	55.55	55.82	98.85	45.39	30.93	34.50	0.00	0.00
80	0.09	43.59	53.42	53.61	95.73	43.85	29.41	33.08	0.00	0.01
90	0.09	43.19	52.65	52.80	94.66	43.46	28.95	32.29	0.01	0.01
100	0.10	43.06	52.03	52.08	97.88	43.31	28.65	31.46	0.00	0.01
110	0.11	43.20	51.54	51.51	94.08	43.42	28.51	30.81	0.00	0.01
120	0.11	43.62	51.11	51.02	95.30	43.81	28.80	30.46	0.00	0.01
136	0.12	45.03	50.57	50.44	96.47	45.15	29.66	30.43	0.00	0.01
140	0.13	45.57	50.49	50.34	99.06	45.66	30.00	30.57	0.00	0.01
150	0.13	47.36	50.21	50.12	103.62	47.44	31.08	31.24	0.01	0.01
160	0.14	50.23	50.04	49.97	98.68	50.27	32.64	32.34	0.01	0.01
174	0.15	59.55	49.95	49.93	102.43	59.35	33.07	32.23	0.01	0.02
180	0.16	83.20	50.01	49.95	96.30	69.29	31.08	30.39	0.02	0.02
190	0.18	55.19	50.31	50.12	97.20	55.33	26.79	26.27	0.03	0.01
200	0.21	48.64	50.82	50.39	90.95	49.17	22.69	22.18	0.03	0.01
210	0.25	44.88	51.50	50.80	88.96	45.70	19.09	18.60	0.04	0.01
220	0.34	42.46	52.29	51.40	88.81	43.54	15.90	15.45	0.06	0.01
230	0.48	41.08	52.75	52.23	88.42	42.38	13.04	12.65	0.07	0.01
240	0.71	40.82	52.75	53.39	87.41	42.28	10.49	10.14	0.08	0.01
250	1.08	42.10	52.56	55.08	87.30	43.76	8.23	7.92	0.10	0.01
260	1.63	45.90	52.79	57.39	90.15	48.43	6.28	5.99	0.13	0.01
270	2.41	50.74	54.33	60.86	90.65	48.18	4.66	4.39	0.16	0.00
280	3.45	43.64	58.50	66.72	89.87	38.87	3.39	3.12	0.20	0.00
290	4.76	33.85	70.59	80.12	93.18	33.03	2.46	2.17	0.26	0.00
300	6.32	24.26	59.35	71.79	86.63	28.79	1.85	1.48	0.36	0.00
308	7.76	17.56	55.05	66.86	76.13	26.05	1.61	1.09	0.53	0.01
320	10.47	9.09	54.70	64.18	63.28	22.88	2.03	0.66	1.37	0.01
330	14.02	4.02	58.83	64.50	55.29	21.82	4.20	0.40	3.79	0.01
340	19.25	1.49	51.03	67.11	50.37	23.13	9.47	0.24	9.29	0.01
350	24.70	0.70	47.03	69.64	47.53	26.14	18.39	0.17	18.77	0.02
360	29.22	0.50	45.20	72.20	45.55	29.82	31.45	0.13	37.54	0.02
378	36.87	0.40	42.81	75.70	42.68	37.52	24.35	0.10	24.09	0.03
380	37.83	0.40	42.53	76.41	42.40	38.51	24.30	0.10	24.02	0.03
390	43.44	0.36	41.12	77.98	41.06	44.27	25.16	0.09	24.91	0.04
400	51.91	0.33	39.72	81.07	39.84	53.31	27.61	0.09	27.43	0.04
410	60.97	0.31	38.46	82.18	38.73	63.28	31.96	0.08	31.77	0.05
420	52.17	0.30	37.37	82.48	37.71	52.33	39.09	0.08	37.16	0.05
430	48.93	0.29	36.44	82.08	36.78	48.93	38.34	0.07	35.09	0.06
440	47.52	0.29	35.65	80.77	35.92	47.42	32.78	0.06	30.98	0.07
450	46.91	0.28	34.96	81.52	35.15	46.72	29.98	0.06	28.72	0.08
460	46.77	0.28	34.36	79.60	34.44	46.53	28.57	0.05	27.47	0.09
470	46.92	0.29	33.82	79.63	33.82	46.62	28.15	0.05	27.12	0.10
480	47.24	0.29	33.32	77.83	33.29	46.99	28.48	0.05	27.60	0.11
490	47.77	0.29	32.88	78.72	32.87	47.56	29.72	0.05	29.10	0.12
500	48.36	0.29	32.51	78.34	32.56	48.30	32.12	0.04	32.13	0.14
510	49.11	0.29	32.26	78.15	32.41	49.17	34.80	0.03	38.13	0.15
522	50.11	0.31	32.24	78.27	32.50	50.39	30.75	0.03	32.72	0.18
530	50.89	0.32	32.48	77.73	32.79	51.32	26.65	0.03	27.14	0.20
600	56.80	1.27	30.30	76.24	27.41	55.67	8.47	0.01	8.08	0.49
630	53.40	2.99	13.43	66.36	16.56	54.35	5.41	0.01	4.46	1.25
700	61.37	24.39	0.48	61.59	24.86	48.04	24.51	0.00	0.38	24.08
763	62.53	41.45	0.28	63.53	42.57	44.26	25.33	0.00	0.29	27.10
800	62.70	34.60	0.23	63.87	35.01	42.75	28.96	0.00	0.27	32.31
850	62.45	32.98	0.19	63.80	33.27	41.06	28.47	0.00	0.25	29.54
870	62.21	32.93	0.18	63.59	33.22	40.44	27.71	0.00	0.23	28.45