

2 Way-0°/180 Power Splitter/Combiner

PMT-1-75

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)				AMPLITUDE UNBALANCE (dB)		ISOLATION (dB)		PHASE UNBALANCE (deg.)		FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2	J-1	J-2	(S1)-(S2)	(J1)-(J2)	1-2	S-J	(S1)-(S2)	(J1)-(J2)		S	1	2
5.00	3.20	3.20	4.15	4.15	0.00	0.00	21.37	58.57	0.09	179.87	5.00	1.06	1.22	1.22
10.00	3.19	3.19	4.03	4.03	0.00	0.00	22.20	52.38	0.21	179.76	10.00	1.06	1.19	1.14
20.00	3.19	3.19	4.00	4.00	0.00	0.00	22.54	46.33	0.38	179.50	20.00	1.06	1.17	1.11
27.50	3.20	3.20	4.00	4.00	0.00	0.00	22.63	43.29	0.62	179.34	27.50	1.07	1.17	1.10
44.00	3.20	3.21	4.02	4.02	0.01	0.00	22.57	39.73	0.89	178.90	44.00	1.09	1.17	1.11
50.00	3.21	3.22	4.03	4.04	0.01	0.01	22.55	38.61	0.98	178.74	50.00	1.10	1.18	1.12
66.50	3.20	3.23	4.04	4.05	0.03	0.01	22.54	36.34	1.26	178.35	66.50	1.13	1.18	1.13
88.50	3.21	3.25	4.07	4.07	0.04	0.00	22.52	33.84	1.68	177.84	88.50	1.17	1.19	1.15
94.00	3.21	3.26	4.07	4.08	0.05	0.01	22.48	33.22	1.80	177.73	94.00	1.18	1.20	1.16
100.00	3.22	3.26	4.07	4.08	0.04	0.01	22.46	32.82	1.92	177.54	100.00	1.19	1.20	1.16
122.00	3.23	3.31	4.11	4.11	0.08	0.00	22.51	31.17	2.34	177.04	122.00	1.23	1.21	1.19
133.00	3.24	3.32	4.11	4.13	0.08	0.02	22.44	30.45	2.56	176.75	133.00	1.25	1.22	1.20
150.00	3.25	3.36	4.13	4.14	0.11	0.01	22.42	29.38	2.79	176.41	150.00	1.28	1.23	1.22
177.50	3.25	3.39	4.14	4.14	0.14	0.00	22.42	28.04	3.28	175.78	177.50	1.34	1.24	1.25
200.00	3.26	3.45	4.16	4.16	0.19	0.00	22.40	27.16	3.72	175.35	200.00	1.38	1.26	1.27

¹Total Loss = Insertion Loss + 3dB Splitter Loss

