

# 2 Way-0°/180 Power Splitter/Combiner

PMT-1+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (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
5.03	3.14	3.14	3.76	3.77	0.00	0.01	23.04	56.65	-0.11	179.86	5.03	1.05	1.17	1.17
5.83	3.13	3.13	3.74	3.75	0.00	0.01	23.32	56.54	-0.07	179.79	5.83	1.05	1.16	1.16
9.62	3.13	3.13	3.69	3.69	0.00	0.01	23.89	55.51	-0.22	179.73	9.62	1.04	1.15	1.15
12.25	3.13	3.13	3.67	3.69	0.00	0.00	24.04	54.83	-0.25	179.66	12.25	1.04	1.14	1.14
20.21	3.14	3.15	3.67	3.69	0.01	0.00	24.21	53.04	-0.42	179.44	20.21	1.04	1.14	1.13
32.73	3.14	3.16	3.69	3.69	0.02	0.00	24.26	50.31	-0.70	179.16	32.73	1.05	1.14	1.13
42.43	3.15	3.17	3.70	3.70	0.02	0.01	24.22	48.47	-0.87	178.90	42.43	1.06	1.14	1.14
54.00	3.15	3.17	3.72	3.71	0.02	0.01	24.20	46.56	-1.08	178.57	54.00	1.07	1.15	1.14
89.10	3.19	3.23	3.82	3.77	0.04	0.05	24.04	42.34	-1.75	177.70	89.10	1.10	1.19	1.16
113.40	3.21	3.27	3.88	3.80	0.06	0.08	24.03	40.04	-2.23	177.05	113.40	1.12	1.21	1.18
144.31	3.19	3.30	3.93	3.80	0.11	0.13	23.97	37.67	-2.78	176.34	144.31	1.15	1.25	1.21
149.77	3.19	3.31	3.95	3.80	0.12	0.14	23.97	37.29	-2.83	176.21	149.77	1.16	1.26	1.21
173.72	3.21	3.36	4.03	3.82	0.15	0.21	23.93	35.71	-3.21	175.66	173.72	1.18	1.29	1.23
187.10	3.22	3.38	4.07	3.84	0.17	0.24	23.89	34.92	-3.44	175.34	187.10	1.19	1.31	1.24
201.51	3.24	3.24	4.12	3.85	0.18	0.27	23.90	34.11	-3.73	174.88	201.51	1.21	1.33	1.26

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2  
PMT-1+  
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