

2 Way-0°/180 Power Splitter/Combiner

AMT-2+

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
50.0	3.24	3.22	3.76	3.77	0.02	0.00	32.71	44.00	0.05	179.87	50.0	1.06	1.14	1.11
60.0	3.24	3.22	3.76	3.77	0.02	0.00	33.84	42.49	0.06	179.87	60.0	1.06	1.14	1.11
70.0	3.25	3.22	3.77	3.77	0.03	0.01	34.86	41.16	0.02	179.81	70.0	1.07	1.15	1.11
80.0	3.26	3.22	3.77	3.77	0.04	0.01	35.78	40.00	0.05	179.80	80.0	1.08	1.16	1.11
90.0	3.27	3.22	3.77	3.78	0.05	0.02	36.61	38.99	0.04	179.79	90.0	1.09	1.17	1.11
100.0	3.29	3.23	3.78	3.79	0.05	0.01	37.39	38.05	0.02	179.79	100.0	1.10	1.18	1.12
110.0	3.30	3.24	3.78	3.81	0.06	0.02	38.10	37.21	0.05	179.79	110.0	1.11	1.19	1.12
120.0	3.31	3.24	3.80	3.82	0.07	0.02	38.74	36.45	0.02	179.75	120.0	1.12	1.21	1.13
130.0	3.33	3.24	3.80	3.82	0.09	0.02	39.36	35.71	0.00	179.73	130.0	1.13	1.22	1.14
140.0	3.34	3.24	3.81	3.84	0.10	0.03	39.94	35.04	0.02	179.69	140.0	1.14	1.23	1.14
150.0	3.35	3.25	3.81	3.85	0.11	0.03	40.36	34.44	0.02	179.68	150.0	1.15	1.24	1.15
170.0	3.38	3.25	3.82	3.87	0.13	0.05	41.30	33.27	0.09	179.72	170.0	1.17	1.27	1.16
180.0	3.40	3.26	3.83	3.88	0.14	0.05	41.67	32.75	0.06	179.68	180.0	1.18	1.28	1.17
190.0	3.42	3.27	3.84	3.90	0.16	0.06	42.03	32.22	0.10	179.68	190.0	1.19	1.30	1.18
200.0	3.43	3.26	3.85	3.91	0.17	0.06	42.39	31.74	0.15	179.68	200.0	1.20	1.32	1.19

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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 AMT-2+
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