

2 Way-90° Power Splitter/Combiner

TPQ-ED8115

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	1	2
900.0	2.59	3.88	3.24	1.29	19.04	90.40	900.0	1.12	1.24	1.13
920.0	2.79	3.76	3.28	0.97	18.98	90.19	920.0	1.12	1.24	1.14
940.0	2.87	3.69	3.28	0.82	18.98	89.65	940.0	1.11	1.23	1.14
960.0	2.88	3.63	3.26	0.75	18.96	89.48	960.0	1.10	1.23	1.15
980.0	2.95	3.57	3.26	0.63	19.01	89.91	980.0	1.10	1.23	1.15
1000.0	2.99	3.45	3.22	0.45	18.96	90.43	1000.0	1.09	1.23	1.16
1010.0	3.06	3.38	3.22	0.32	18.91	90.57	1010.0	1.09	1.23	1.16
1020.0	3.15	3.34	3.25	0.19	18.89	90.34	1020.0	1.08	1.23	1.16
1030.0	3.18	3.30	3.24	0.12	18.88	90.07	1030.0	1.08	1.23	1.17
1035.0	3.19	3.28	3.24	0.09	18.88	89.94	1035.0	1.08	1.22	1.17
1040.0	3.22	3.27	3.25	0.06	18.89	89.89	1040.0	1.08	1.22	1.17
1045.0	3.23	3.26	3.25	0.04	18.91	89.83	1045.0	1.07	1.22	1.17
1050.0	3.25	3.27	3.26	0.02	18.94	89.80	1050.0	1.07	1.22	1.17
1055.0	3.27	3.26	3.27	0.01	18.95	89.73	1055.0	1.07	1.22	1.17
1060.0	3.27	3.26	3.27	0.02	18.96	89.70	1060.0	1.07	1.22	1.17
1065.0	3.28	3.25	3.27	0.03	18.97	89.77	1065.0	1.07	1.22	1.17
1070.0	3.29	3.23	3.26	0.05	18.97	89.86	1070.0	1.07	1.22	1.18
1075.0	3.29	3.21	3.25	0.08	18.96	89.99	1075.0	1.07	1.22	1.18
1080.0	3.30	3.20	3.25	0.11	18.96	90.15	1080.0	1.06	1.22	1.18
1085.0	3.31	3.17	3.24	0.15	18.94	90.24	1085.0	1.06	1.22	1.18
1090.0	3.33	3.14	3.24	0.19	18.94	90.30	1090.0	1.06	1.22	1.18
1100.0	3.36	3.07	3.22	0.29	18.90	90.49	1100.0	1.06	1.22	1.18
1110.0	3.43	3.04	3.24	0.39	18.88	90.53	1110.0	1.05	1.21	1.19
1120.0	3.48	3.00	3.24	0.48	18.84	90.30	1120.0	1.05	1.21	1.19
1130.0	3.52	2.98	3.25	0.54	18.84	90.09	1130.0	1.05	1.21	1.19
1140.0	3.53	2.94	3.24	0.58	18.84	90.07	1140.0	1.04	1.21	1.20
1150.0	3.55	2.92	3.24	0.63	18.86	90.14	1150.0	1.04	1.21	1.20
1160.0	3.59	2.90	3.25	0.69	18.88	90.20	1160.0	1.04	1.21	1.20
1180.0	3.66	2.86	3.26	0.80	18.92	90.33	1180.0	1.03	1.21	1.21
1200.0	3.75	2.82	3.29	0.93	19.00	90.41	1200.0	1.02	1.20	1.22

¹Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
TPQ-ED8115
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Page1 of 1