

2 Way-90° Power Splitter/Combiner

JYPQ-ED7748/5

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	AVG.					S	1	2
110.0	3.00	3.50	3.25	0.49	23.95	89.83	110.0	1.16	1.19	1.17
115.0	3.10	3.39	3.25	0.29	24.10	89.97	115.0	1.16	1.19	1.17
120.0	3.18	3.30	3.24	0.13	24.23	90.02	120.0	1.16	1.19	1.17
125.0	3.26	3.23	3.25	0.03	24.33	90.10	125.0	1.16	1.19	1.17
127.0	3.29	3.21	3.25	0.08	24.35	90.15	127.0	1.16	1.19	1.17
129.0	3.32	3.19	3.26	0.13	24.37	90.21	129.0	1.16	1.19	1.17
130.0	3.33	3.17	3.25	0.16	24.38	90.19	130.0	1.16	1.18	1.17
132.0	3.36	3.17	3.27	0.19	24.37	90.23	132.0	1.17	1.18	1.17
134.0	3.37	3.14	3.26	0.23	24.36	90.29	134.0	1.16	1.18	1.17
136.0	3.39	3.13	3.26	0.26	24.34	90.29	136.0	1.16	1.19	1.17
138.0	3.41	3.13	3.27	0.28	24.30	90.37	138.0	1.17	1.19	1.17
140.0	3.42	3.11	3.27	0.30	24.24	90.40	140.0	1.17	1.19	1.17
142.0	3.43	3.11	3.27	0.31	24.15	90.51	142.0	1.17	1.19	1.17
144.0	3.43	3.11	3.27	0.32	24.05	90.61	144.0	1.17	1.19	1.17
146.0	3.44	3.11	3.28	0.33	23.95	90.59	146.0	1.17	1.19	1.18
148.0	3.44	3.10	3.27	0.34	23.80	90.67	148.0	1.17	1.19	1.18
150.0	3.46	3.12	3.29	0.34	23.63	90.80	150.0	1.18	1.19	1.18
152.0	3.45	3.13	3.29	0.32	23.45	90.78	152.0	1.18	1.19	1.18
153.0	3.45	3.13	3.29	0.32	23.34	90.84	153.0	1.18	1.19	1.18
154.0	3.45	3.13	3.29	0.31	23.23	90.91	154.0	1.18	1.19	1.18
155.0	3.45	3.15	3.30	0.30	23.12	90.93	155.0	1.18	1.19	1.19
157.0	3.44	3.16	3.30	0.28	22.87	91.05	157.0	1.19	1.19	1.19
159.0	3.43	3.18	3.31	0.25	22.62	91.13	159.0	1.19	1.20	1.19
160.0	3.42	3.19	3.31	0.24	22.48	91.17	160.0	1.19	1.20	1.19
165.0	3.40	3.26	3.33	0.14	21.68	91.48	165.0	1.20	1.21	1.20
170.0	3.34	3.36	3.35	0.01	20.78	91.84	170.0	1.22	1.21	1.22
175.0	3.28	3.49	3.39	0.21	19.79	92.18	175.0	1.24	1.23	1.24

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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