

2 Way-90° Power Splitter/Combiner

PQW-2-270+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	(:1) 1	2
90.0	2.75	3.78	3.27	1.03	20.42	90.51	90.0	1.17	1.22	1.20
100.0	3.01	3.51	3.26	0.50	19.95	90.67	100.0	1.18	1.24	1.21
120.0	3.46	3.21	3.34	0.25	19.37	91.07	120.0	1.21	1.29	1.24
140.0	3.77	3.07	3.42	0.69	19.11	91.32	140.0	1.22	1.31	1.25
160.0	3.89	3.00	3.45	0.90	19.05	91.58	160.0	1.22	1.33	1.25
180.0	3.87	2.94	3.41	0.93	19.18	91.62	180.0	1.20	1.33	1.24
195.0	3.78	2.96	3.37	0.82	19.40	91.44	195.0	1.18	1.32	1.21
210.0	3.64	3.03	3.34	0.61	19.73	91.48	210.0	1.15	1.30	1.17
225.0	3.51	3.17	3.34	0.34	20.09	91.70	225.0	1.14	1.28	1.15
240.0	3.41	3.38	3.40	0.03	20.35	91.88	240.0	1.13	1.26	1.09
250.0	3.34	3.56	3.45	0.22	20.37	91.96	250.0	1.16	1.24	1.03
255.0	3.30	3.65	3.48	0.36	20.31	92.02	255.0	1.16	1.24	1.03
260.0	3.25	3.75	3.50	0.50	20.20	92.07	260.0	1.19	1.25	1.03
265.0	3.20	3.85	3.53	0.65	20.03	92.14	265.0	1.19	1.25	1.03
270.0	3.16	3.95	3.56	0.80	19.81	92.25	270.0	1.23	1.26	1.07

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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100624
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