

2 Way-90° Power Splitter/Combiner

SYPQ-ED13975/3

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					S	1	2
260.0	2.44	4.56	2.12	24.46	89.49	260.0	1.14	1.10	1.11
280.0	2.64	4.27	1.64	24.25	89.55	280.0	1.14	1.10	1.12
300.0	2.82	4.03	1.21	24.10	89.64	300.0	1.14	1.11	1.12
320.0	2.98	3.83	0.85	23.96	89.74	320.0	1.14	1.11	1.13
340.0	3.13	3.66	0.52	23.83	89.82	340.0	1.14	1.11	1.13
350.0	3.20	3.59	0.38	23.75	89.89	350.0	1.14	1.11	1.14
360.0	3.27	3.52	0.25	23.63	89.96	360.0	1.14	1.12	1.14
370.0	3.33	3.47	0.13	23.55	90.02	370.0	1.15	1.12	1.14
380.0	3.39	3.42	0.03	23.44	90.08	380.0	1.15	1.12	1.15
390.0	3.44	3.37	0.07	23.32	90.16	390.0	1.15	1.13	1.15
400.0	3.49	3.34	0.15	23.20	90.25	400.0	1.15	1.13	1.15
410.0	3.53	3.31	0.22	23.07	90.34	410.0	1.15	1.13	1.16
420.0	3.57	3.29	0.28	22.92	90.43	420.0	1.16	1.14	1.17
430.0	3.60	3.27	0.33	22.74	90.53	430.0	1.16	1.14	1.17
440.0	3.62	3.26	0.36	22.58	90.62	440.0	1.16	1.15	1.18
450.0	3.64	3.26	0.39	22.38	90.74	450.0	1.17	1.15	1.19
460.0	3.66	3.26	0.40	22.17	90.89	460.0	1.17	1.16	1.20
470.0	3.67	3.27	0.40	21.92	91.04	470.0	1.18	1.17	1.21
480.0	3.67	3.29	0.38	21.65	91.19	480.0	1.19	1.17	1.22
490.0	3.67	3.32	0.35	21.36	91.36	490.0	1.20	1.18	1.23
500.0	3.66	3.35	0.31	21.04	91.57	500.0	1.21	1.20	1.25
510.0	3.65	3.40	0.25	20.69	91.82	510.0	1.22	1.21	1.26
520.0	3.63	3.46	0.17	20.32	92.09	520.0	1.24	1.22	1.28
540.0	3.58	3.60	0.03	19.52	92.73	540.0	1.27	1.26	1.32
560.0	3.50	3.81	0.31	18.62	93.61	560.0	1.31	1.30	1.38

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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