

2 Way-0° Power Splitter/Combiner

ZX10-2-126-S+

Typical Performance Data

Data tested at 25DegC

FREQ. (MHz)	INSERTION LOSS ¹ (dB)		AMP. UNBAL. ² (dB)	ISOLATION (dB)	PHASE UNBAL. ³ (deg.)	VSWR (:1)		
	S-1	S-2				S	1	2
7400	0.3	0.3	0.03	14	1.0	1.40	1.21	1.22
7500	0.3	0.3	0.04	15	1.0	1.39	1.21	1.22
7600	0.3	0.3	0.03	15	1.0	1.37	1.21	1.21
7700	0.3	0.3	0.03	15	1.1	1.35	1.20	1.21
7800	0.3	0.3	0.03	16	1.1	1.33	1.20	1.21
7900	0.3	0.3	0.03	16	1.1	1.32	1.20	1.20
8000	0.2	0.3	0.03	17	1.1	1.30	1.20	1.20
8100	0.2	0.3	0.03	17	1.1	1.27	1.19	1.19
8200	0.2	0.3	0.03	17	1.1	1.25	1.19	1.19
8300	0.2	0.3	0.03	18	1.1	1.23	1.18	1.18
8400	0.2	0.2	0.03	19	1.1	1.21	1.18	1.18
8500	0.2	0.2	0.03	19	1.1	1.18	1.17	1.17
8600	0.2	0.2	0.03	20	1.2	1.16	1.17	1.16
8700	0.2	0.2	0.03	20	1.2	1.13	1.17	1.16
8800	0.2	0.2	0.02	21	1.2	1.11	1.16	1.15
8900	0.2	0.2	0.03	22	1.2	1.09	1.16	1.15
9000	0.2	0.2	0.02	23	1.2	1.06	1.16	1.14
9100	0.2	0.2	0.02	23	1.2	1.05	1.16	1.14
9200	0.2	0.2	0.03	24	1.2	1.04	1.16	1.14
9300	0.2	0.2	0.03	25	1.2	1.06	1.17	1.14
9400	0.2	0.2	0.03	26	1.2	1.08	1.17	1.15
9500	0.2	0.2	0.03	28	1.2	1.11	1.18	1.15
9600	0.2	0.3	0.03	29	1.2	1.14	1.19	1.17
9700	0.2	0.3	0.03	30	1.3	1.18	1.20	1.18
9800	0.2	0.3	0.03	30	1.3	1.21	1.21	1.20
9900	0.3	0.3	0.03	30	1.3	1.25	1.23	1.21
10000	0.3	0.3	0.04	30	1.3	1.29	1.24	1.24
10100	0.3	0.3	0.04	29	1.3	1.33	1.26	1.26
10200	0.3	0.4	0.04	28	1.3	1.37	1.28	1.28
10300	0.3	0.4	0.04	27	1.3	1.42	1.30	1.31
10400	0.4	0.4	0.04	26	1.4	1.47	1.32	1.33
10500	0.4	0.4	0.05	25	1.4	1.52	1.34	1.36
10600	0.4	0.5	0.05	24	1.4	1.56	1.36	1.38
10700	0.5	0.5	0.05	23	1.4	1.62	1.38	1.41
10800	0.5	0.5	0.05	23	1.5	1.67	1.40	1.43
10900	0.5	0.6	0.05	22	1.5	1.72	1.42	1.45
11000	0.6	0.6	0.05	21	1.5	1.78	1.45	1.48
11100	0.6	0.7	0.05	21	1.5	1.83	1.47	1.50
11200	0.7	0.7	0.05	20	1.6	1.89	1.49	1.53
11300	0.7	0.8	0.05	19	1.6	1.95	1.52	1.55
11400	0.8	0.8	0.06	19	1.6	2.01	1.54	1.58
11500	0.8	0.9	0.05	18	1.7	2.06	1.56	1.60
11600	0.8	0.9	0.05	18	1.7	2.12	1.58	1.62
11700	0.9	1.0	0.06	18	1.7	2.18	1.60	1.64
11800	1.0	1.0	0.05	17	1.7	2.23	1.62	1.65
11900	1.0	1.1	0.05	17	1.8	2.29	1.64	1.67
12000	1.1	1.1	0.05	16	1.8	2.35	1.66	1.67
12100	1.1	1.2	0.05	16	1.8	2.41	1.68	1.69
12200	1.2	1.3	0.05	16	1.8	2.48	1.69	1.70
12300	1.3	1.3	0.05	15	1.8	2.55	1.71	1.72
12400	1.3	1.4	0.06	15	1.9	2.63	1.73	1.73
12500	1.3	1.4	0.06	15	1.9	2.70	1.74	1.73
12600	1.4	1.4	0.06	14	2.0	2.76	1.76	1.74

1. Insertion loss is loss above theoretical loss (3dB)
2. Amplitude unbalance is average unbalance between any ports
3. Phase unbalance is average unbalance between any ports



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IF/RF MICROWAVE COMPONENTS

REV. OR
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