

# RF Transformer

# TCW2-2700+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE* (deg)
400	1.49	8.14	0.58	9.60
500	0.75	16.25	0.36	10.38
600	0.59	39.44	0.22	10.73
700	0.62	20.65	0.11	10.79
800	0.68	16.46	0.06	10.68
900	0.75	14.67	0.03	10.38
1000	0.80	13.84	0.03	9.91
1100	0.83	13.51	0.04	9.26
1200	0.84	13.56	0.07	8.48
1300	0.84	13.86	0.11	7.55
1400	0.83	14.46	0.16	6.43
1500	0.80	15.31	0.21	5.20
1600	0.77	16.45	0.27	3.84
1700	0.75	17.97	0.32	2.39
1800	0.73	19.95	0.37	0.86
1900	0.72	22.34	0.40	0.80
2000	0.72	24.73	0.42	2.50
2050	0.73	25.67	0.42	3.36
2100	0.74	25.99	0.42	4.25
2120	0.74	25.85	0.42	4.61
2150	0.75	25.47	0.41	5.16
2160	0.76	25.29	0.41	5.33
2180	0.76	24.91	0.41	5.70
2200	0.77	24.48	0.40	6.05
2220	0.78	24.08	0.40	6.42
2240	0.79	23.62	0.39	6.78
2260	0.80	23.16	0.38	7.13
2280	0.80	22.69	0.37	7.47
2300	0.82	22.22	0.36	7.84
2320	0.83	21.78	0.35	8.19
2340	0.84	21.36	0.34	8.53
2360	0.85	20.95	0.32	8.87
2380	0.87	20.58	0.31	9.23
2400	0.89	20.22	0.29	9.61
2410	0.89	20.05	0.28	9.77
2420	0.90	19.89	0.27	9.94
2430	0.91	19.72	0.26	10.12
2440	0.91	19.57	0.25	10.29
2450	0.92	19.41	0.24	10.46
2460	0.93	19.25	0.23	10.65
2470	0.94	19.10	0.22	10.82
2480	0.95	18.96	0.21	10.97
2490	0.96	18.81	0.20	11.16
2500	0.97	18.68	0.18	11.35
2500	0.97	18.68	0.18	11.35
2520	0.99	18.39	0.16	11.69
2540	1.01	18.14	0.14	12.03
2560	1.03	17.90	0.11	12.38
2580	1.05	17.66	0.08	12.72
2600	1.07	17.45	0.05	13.05
2620	1.10	17.26	0.02	13.39
2640	1.12	17.07	0.01	13.72
2660	1.14	16.90	0.05	14.05
2680	1.17	16.73	0.08	14.37
2700	1.20	16.57	0.12	14.68
2750	1.27	16.17	0.22	15.50
2800	1.35	15.82	0.33	16.28
2850	1.43	15.52	0.45	17.06
2900	1.53	15.27	0.59	17.85
2950	1.62	15.02	0.73	18.60
3000	1.74	14.76	0.88	19.38

\*Phase Unbalance is relative to 180°



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IF/RF MICROWAVE COMPONENTS

REV. OR  
TCW2-2700+  
4/15/2021  
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