

# RF Transformer

TCN2-122+

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS*	INPUT RETURN LOSS	AMPLITUDE UNBALANCE	PHASE UNBALANCE**
600	0.36	11.90	0.15	7.52
625	0.26	13.13	0.20	7.40
650	0.19	14.49	0.26	7.21
675	0.12	16.02	0.32	6.97
700	0.08	17.72	0.38	6.76
720	0.06	19.22	0.41	6.52
740	0.03	20.90	0.44	6.22
760	0.02	22.76	0.47	5.89
780	0.01	24.99	0.51	5.51
800	0.00	27.57	0.54	5.17
820	0.00	30.29	0.57	4.77
840	0.00	32.28	0.58	4.44
860	0.01	31.95	0.60	3.99
880	0.01	29.87	0.61	3.47
900	0.02	27.76	0.62	3.01
920	0.03	26.10	0.63	2.52
940	0.04	24.79	0.64	2.06
960	0.05	23.71	0.63	1.50
980	0.06	22.73	0.63	0.88
1000	0.07	21.96	0.62	0.30
1020	0.08	21.35	0.61	0.28
1040	0.09	20.84	0.60	0.83
1060	0.10	20.45	0.57	1.40
1080	0.12	20.09	0.55	2.13
1100	0.13	19.81	0.52	2.79
1120	0.14	19.57	0.49	3.45
1140	0.15	19.40	0.46	4.01
1160	0.16	19.32	0.42	4.66
1180	0.17	19.29	0.38	5.38
1200	0.17	19.29	0.33	6.10

\* Insertion Loss is referenced to mid-band loss , 0.7 dB.

\*\*Phase Unbalance is relative to 180°



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REV. X1  
TCN2-122+  
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Page 1 of 1