

Frequency Mixer

HUD-19SH

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS (dB)			LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 Input (dBm)		
		@LO (dBm)				@LO (dBm)			@LO (dBm)					@LO (dBm)		
		+16	+19	+22		+16	+19	+22	+16	+19	+22			+16	+19	+22
1819.0	1710.0	7.27	6.93	6.80	1710.0	47.86	46.49	46.54	37.41	37.48	37.63	1819.0	1710.0	27.66	36.38	39.13
1828.1	1715.9	7.28	6.96	6.84	1715.9	47.90	46.95	47.04	37.56	37.62	37.78	1828.1	1715.9	28.27	36.70	39.04
1837.2	1721.8	7.30	7.02	6.89	1721.8	48.09	47.36	47.50	37.66	37.74	37.93	1837.2	1721.8	28.93	36.78	39.39
1846.3	1727.7	7.31	7.07	6.97	1727.7	48.44	47.80	47.93	37.72	37.84	38.06	1846.3	1727.7	29.62	38.11	39.96
1855.4	1733.6	7.31	7.10	7.00	1733.6	48.91	48.27	48.32	37.80	37.96	38.20	1855.4	1733.6	29.93	38.87	40.18
1864.5	1739.5	7.28	7.07	6.99	1739.5	49.52	48.76	48.81	37.91	38.11	38.43	1864.5	1739.5	30.27	39.72	39.99
1873.6	1745.4	7.32	7.11	7.02	1745.4	50.22	49.53	49.38	38.11	38.36	38.73	1873.6	1745.4	30.27	38.11	40.52
1882.7	1751.3	7.34	7.14	7.06	1751.3	51.35	50.50	50.08	38.42	38.68	39.06	1882.7	1751.3	30.34	38.39	40.29
1891.8	1757.2	7.37	7.18	7.09	1757.2	52.76	51.57	50.71	38.80	39.07	39.48	1891.8	1757.2	30.10	38.17	40.40
1900.9	1763.1	7.37	7.16	7.07	1763.1	54.42	52.74	51.35	39.27	39.53	39.94	1900.9	1763.1	30.00	39.39	40.30
1910.0	1769.0	7.39	7.18	7.08	1769.0	56.45	53.98	51.94	39.75	40.01	40.39	1910.0	1769.0	29.90	39.22	40.22



ISO 9001 ISO 14001 AS 9100 CERTIFIED



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The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

Frequency Mixer

HUD-19SH

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+16	+19	+22		+16	+19	+22		+16	+19	+22
1819.0	1710.0	1.53	1.64	1.80	1710.0	2.50	2.28	2.11	50.0	1.85	1.66	1.52
1828.1	1715.9	1.54	1.67	1.84	1715.9	2.27	2.07	1.92	65.0	1.96	1.76	1.61
1837.2	1721.8	1.55	1.68	1.86	1721.8	2.05	1.89	1.73	80.0	1.99	1.80	1.66
1846.3	1727.7	1.55	1.69	1.86	1727.7	1.87	1.72	1.58	95.0	2.04	1.86	1.72
1855.4	1733.6	1.54	1.68	1.86	1733.6	1.71	1.58	1.45	110.0	2.19	1.99	1.85
1864.5	1739.5	1.54	1.68	1.86	1739.5	1.58	1.44	1.34	125.0	2.35	2.13	1.98
1873.6	1745.4	1.54	1.69	1.87	1745.4	1.47	1.36	1.24	140.0	2.40	2.20	2.05
1882.7	1751.3	1.55	1.71	1.90	1751.3	1.37	1.27	1.17	155.0	2.47	2.27	2.12
1891.8	1757.2	1.56	1.73	1.93	1757.2	1.29	1.20	1.12	170.0	2.65	2.42	2.26
1900.9	1763.1	1.57	1.75	1.94	1763.1	1.22	1.15	1.12	185.0	2.84	2.58	2.41
1910.0	1769.0	1.58	1.76	1.95	1769.0	1.17	1.14	1.17	200.0	2.96	2.70	2.52