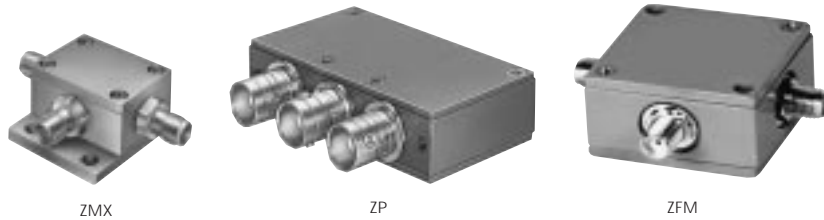


Coaxial



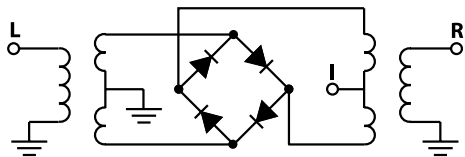
+10 dBm LO, up to +5 dBm RF

MODEL NO.	FREQUENCY MHz		CONVERSION LOSS dB				LO-RF ISOLATION, dB						LO-IF ISOLATION, dB			CASE STYLE	CONNECTION	PRICE \$			
	LO/RF f_L-f_U	IF	Mid-Band \bar{x}	m	σ	Max.	Total Range Max.	L Typ.	M Typ.	U Typ.	L Min.	M Min.	U Min.	L Typ.	M Typ.				U Typ.	Note B	
ZMX-7GLHR	3700-7000	DC-1500	5.4	.30	—	8.5	33 (Typ.)	20 (Min.)					35 (Typ.)	20 (Min.)			BU413	af	71.95		
ZMX-8GLH	3700-8000	DC-2000	5.5	.20	—	8.5	40 (Typ.)	20 (Min.)					18 (Typ.)	8 (Min.)			BU413	ad	74.95		
ZP-1LH	2-600	DC-600	6.0	.17	7.0	8.0	70	50	50	30	42	25	65	45	50	30	41	22	GG60	ag	41.95
ZP-3LH	0.15-400	DC-400	4.8	.37	7.0	8.0	67	50	51	30	40	25	67	40	45	25	34	20	GG60	ag	41.95
ZP-5LH	20-1500	DC-1000	6.9	.27	8.5	9.0	53	40	42	30	38	25	40	25	30	18	22	8	GG60	ag	45.95
ZP-11ALH	1400-1900	40-500	7.0	.20	8.6	8.6	36 (Typ.)	20 (Min.)					28 (Typ.)	15 (Min.)			GG60	ag	45.95		
ZP-860LH	800-1050	DC-250	6.3	.27	7.9	7.9	35 (Typ.)	25 (Min.)					27 (Typ.)	18 (Min.)			GG60	ag	45.95		
ZFM-15	10-3000	10-800	6.13	.14	8.0	8.5	35	25	35	25	35	25	30	20	30	20	30	20	K18	ad	89.95
ZFM-150**	10-2000	DC-1000	6.05	.12	8.0	8.0	32	25	35	25	35	20	33	20	30	20	25	20	K18	ad	69.95

L = low range [f_L to $10f_L$]

M = mid range [$10f_L$ to $f_U/2$]
 m = mid band [$2f_L$ to $f_U/2$]

U = upper range [$f_U/2$ to f_U]



pin and coaxial connections see case style outline drawings for pin locations

PORT	d	h	j	m	s	z	aa	ad	af	ag	ah
LO	8	8	8	8	1	4	1	1	2	L	4
RF	1	1	3,4^	1	8	1	4	2	1	R	2
IF	3,4^	3,4^	1	3	3	2	2	3	3	X	1
GND EXT.	2,5,6,7	2,5,6,7	2,5,6,7	2,5,6,7	2,5,6,7	3	3	—	—	—	3
CASE GND	—	2,5,6	2,5,6,7	2,5,6,7	2,5,6,7	3	3	—	—	—	3
NOT USED	—	—	—	4	4	—	—	—	—	—	—

^ pins must be connected together externally



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