

Frequency Multipliers

Part Number	Min Freq RF (MHz)	Max Freq RF (MHz)	Min Output (MHz)	Max Output (MHz)	Input power (dB)	Multiply Factor	Conversion Loss (dB)	Package
XX1000-BD	7500	25000	15000	50000	0	2	13	Die
XX1007-BD	13500	17000	27000	34000	8	2	12	Die
FM-105-PIN ♦	10	750	20	1500	24	2	12	RH-3
FM-104-PIN ♦	75	1500	150	3000	24	2	10	FP-3
FM-107-PIN ♦	5	2400	10	4800	10	2	11	FP-2
FMS-109-PIN ♦	5	2400	10	4800	10	2	11	SF-1
SFD25H	5	2400	10	4800	23	2	12	SMT
SFD25	5	2400	10	4800	10	2	11.5	SMT
CSFD25H ♦	10	2400	20	4800	23	2	12	SMT
CSFD25 ♦	10	2400	20	4800	10	2	11.5	SMT
FD25 ♦	5	2400	10	4800	10	2	11.5	TO-8
FD25C ♦	5	2400	10	4800	10	2	11.5	Conn
FD25H ♦	5	2400	10	4800	23	2	12	TO-8
FD25HC ♦	5	2400	10	4800	23	2	12	Conn
FD25E ♦	5	2400	10	4800	10	2	11.5	Flatpack
SFD26	50	3300	100	6600	10	2	13	SMT
FD26C ♦	50	3300	100	6600	110	2	13	Conn
CSFD26 ♦	50	3300	100	6600	10	2	13.5	SMT
FD26	50	3300	100	6600	10	2	13	TO-8
XX1002-QH	2500	6000	5000	12000	3	2	13	4 mm PQFN-24
FDC2310 ♦	1500	8000	3000	16000	10	2	11	Open Carrier
FDC2710 ♦	3500	8000	7000	16000	10	2	11.2	Open Carrier
FD93C ♦	2000	9000	4000	18000	12	2	12	Conn
FD93 ♦	2000	9000	4000	18000	12	2	12	Versapac
FD93H	2000	9000	4000	18000	19	2	12	Versapac
FD93HC ♦	2000	9000	4000	18000	19	2	12	Conn
FDZ5013 ♦	3000	12000	6000	24000	13	2	12	Versapac
FDZ5013C ♦	3000	12000	6000	24000	13	2	12	Conn
MAFC-004403	8000	12000	16000	24000	0	2	17	4 mm QFN
MAFC-010511	8000	12000	16000	24000	0	—	17	3 mm PQFN-16
XX1010-QT	14625	15000	29250	30000	4.5	2	14	3 mm QFN-16
XX1007-QT	13500	17000	27000	34000	8	2	10	3 mm PQFN-16
XX1001-QK	18000	21000	36000	42000	0	2	26	7 mm QFN-28
XX1000-QT	7500	22500	15000	45000	6	2	12	3 mm QFN-16

Note: Part numbers are RoHS compliant ♦ indicates non-RoHS compliant
 Detailed specifications can be found quickly on our website at macom.com by typing the part number into the search box.
 All specifications are subject to change.