

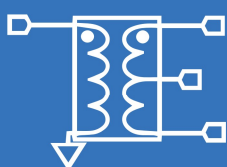
中国区总代理：
苏州瑞贝斯电子科技有限公司



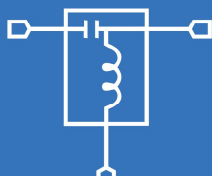
5G & mmWave



Amplifiers



Baluns



Bias Tees



Couplers



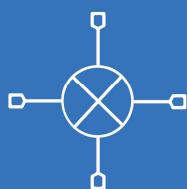
Equalizers



Filters



Hybrids



IQ Mixers



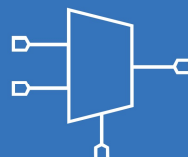
Mixers



Multipliers



Power Dividers



Other Products



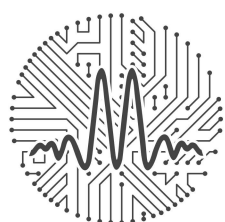
At Marki Microwave we design our components to achieve the highest performance over extremely wide bandwidths. We have an extensive catalog of bare die, surface mount, and coaxial-connectorized solutions up to 90GHz to support all of your millimeter-wave design and testing needs.

5G: The 28 & 39GHz bands of today, the 47GHz band (& above) of tomorrow

60GHz Band: 5G, point-to-point, WiGig (802.11ad, 802.11ay), industrial sensors

Sub-6GHz: Visit www.markimicrowave.com for a large selection of components for sub-6GHz applications, including wider bandwidths to support harmonic testing.

Choose from our ultra-wideband test & measurement products below or our GaAs MMIC products on the following page.



5G

PASSIVE CONNECTORIZED MODULES

COUPLERS, STRIPLINE DIRECTIONAL

C13-0140, 1-40GHz, 13dB Coupling
C20-0240, 2-40GHz, 20dB Coupling
C13-0150, 1-50GHz, 13dB Coupling
C10-0450, 4-50GHz, 10dB Coupling
C10-0667, 6-67GHz, 10dB Coupling
C16-0667, 6-67GHz, 16dB Coupling
C20-0667, 6-67GHz, 20dB Coupling

COUPLERS, LOW LOSS HIGH POWER

CA-40, DC-40GHz, 0.5dB Loss, 20W CW
CA-50, DC-50GHz, 0.5dB Loss, 15W CW

SINGLE-ENDED TO DIFFERENTIAL BALUNS (180° SPLITTERS)

BAL-0036, DC-36GHz
BAL-0050, DC-50GHz
BAL-0067, DC-67GHz



BIAS TEES

BTN-0040, DC-40GHz, 0.5A, 30V
BTN1-0040, DC-40GHz, 1A, 50V
BTN2-0040, DC-40GHz, 2A, 50V
BTN-0050, DC-50GHz, 0.5A, 30V
BTN1-0050, DC-50GHz, 1A, 50V
BTN2-0050, DC-50GHz, 2A, 50V
BTN-0065, DC-65GHz, 0.5A, 30V



QUADRATURE HYBRID (90°) COUPLERS

QH-0440, 4-40GHz, 3dB Coupling
QH-0550, 5-50GHz, 3dB Coupling
QH-0867, 8-67GHz, 3dB Coupling



POWER DIVIDERS, WILKINSON 1:2

PD-0140, 1-40GHz
PD-0440, 4-40GHz, Low Loss
PD-0150, 1-50GHz
PD-0450, 4-50GHz, Low Loss
PD-0165, 1-65GHz
PD-0465, 4-65GHz, Low Loss

POWER DIVIDERS, WILKINSON 1:4

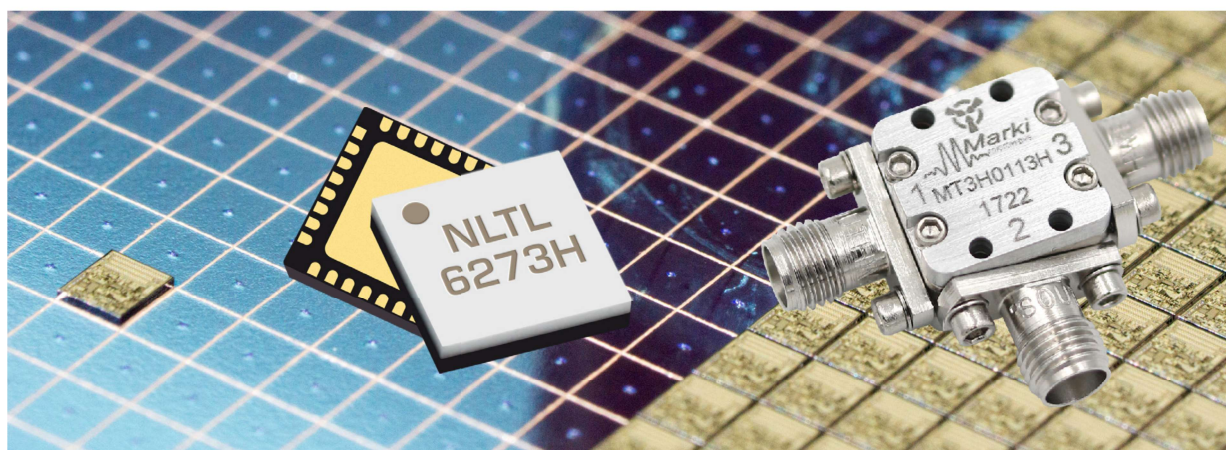
PD4-0140, 1-40GHz
PD4-0150, 1-50GHz

POWER DIVIDERS, RESISTIVE 1:2

PD-0040, DC-40GHz

CONTACT THE FACTORY FOR ROHS (LEAD-FREE) MODULES

All MMIC products are RoHS.



MMIC Amplifiers	Band (GHz)	Gain (dB)	Psat (dB)	Bias	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
ADM-5931	DC-28	11	18	5V, 75mA	•					•	
ADM-5974	DC-35	14	22	5V, 155mA	•					•	
AMM-6702	20-55	28	21	3V, 110mA	•	•	•			•	•

MMIC Equalizers	Band (GHz)	Low Freq Atten (dB)			28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MEQX-30A	DC-30	3, 6 & 10			•					•	•
MEQX-60A	DC-60	3, 6 & 10			•	•	•	•		•	•

MMIC Filters	Band (GHz)	Insertion Loss (dB)	Description	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MFB-2500	18-32	1.5	Bandpass Filter	•					•	
MFB-3300	26-40	1.5	Bandpass Filter	•	•				•	
MFB-3450	24-45	1.5	Bandpass Filter	•	•				•	
MFB-5350	38-67	1.2	Bandpass Filter		•	•	•		•	
MDPX-2330	DC-60	0.8	DC-23, 30-60 Diplexer		•	•	•		•	
MDPX-2734	DC-60	0.9	DC-27, 34-60 Diplexer		•	•	•		•	

MMIC Quad Hybrids	Band (GHz)	Amplitude Balance (dB)	Phase Balance (°)	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MQH-1430SM	14-30	±0.5	±3.5	•				•		
MQH-1434	14-34	±0.7	±4.5	•					•	
MQH-1842	18-42	±1.5	±4	•	•				•	

MMIC Mixers	RF/LO (GHz)	IF (GHz)	IIP3 (dBm)	LO Drive (dBm)	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MM2-0530L/H (SM)	5-30	2-20	+15/+21	+15/+20	•				•	•	•
MM1-0832L/H (SM)	8-32	DC-12	+14/+23	+9/+15	•				•	•	•
MM1-1044L/H	10-44	DC-14	+13/+22	+9/+15	•	•				•	•
MM1-1140H	11-40	DC-12	+21	+15	•	•				•	•
MM1-1130HSM	11-30	DC-12	+21	+15	•				•		•
MM1-1240S	12-40	DC-12	+25	+20	•	•				•	•
MM1-1845HSM/SSM	18-45	DC-20	+21/+25	+15/+20	•	•			•		•
MM1-1850H/S	18-50	DC-20	+21/+25	+15/+20	•	•	•			•	•
MM1-1857L/H	18-57	DC-21	+13/+20	+9/+13	•	•	•			•	•
MM1-2567L	25-67	DC-20	+9	+13	•	•	•	•		•	•

MMIC IQ Mixers	RF/LO (GHz)	IF (GHz)	Image Rej (dBc)	L-R Isolation (dB)	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MMIQ-1037H	10-37	DC-12	25	47	•					•	•
MMIQ-1040L	10-40	DC-12	25	47	•	•				•	•
MMIQ-4067L	40-67	DC-20	35	33		•	•	•		•	•
MMIQ-4090L	40-90	DC-20	35	33		•	•	•		•	•

MMIC Multipliers	Input (GHz)	Output (GHz)	Description	28GHz	39GHz	47GHz	60GHz	SMT	Die	Module
MMD-1030H/HSM	5-15	10-30	Microwave & mmWave Passive Doublers with Excellent Suppression	•				•	•	•
MMD-1648L	8-24	16-48		•	•	•			•	•
MMD-2044SM	10-22	20-44		•	•			•		•
MMD-2060L/H	10-30	20-60		•	•	•	•		•	•
MMD-3567L	17.5-33.5	35-67			•	•	•		•	•
MMD-3580L	17.5-40	35-80			•	•	•		•	•
ADA-2050	10-25	20-50	Active mmWave Doubler	•	•	•				•
NLTL-6273 (SM)	0.7-5	0.7-40	Low Phase Noise Comb Generator	•	•			•	•	•
NLTL-6275	3-15	3-85		•	•	•	•		•	•



At Marki Microwave we believe that limits are meant to be broken. Our mission is to invent technologies to empower the RF and microwave industry to design faster, simplify production, eliminate complexity, and shatter performance barriers.

Morgan Hill, CA USA
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