



Triple Balanced Mixers
A SERIES
1.0 to 26.0 GHz

FEATURES

- > Multi-Octave Bandwidth
- > Ultra Wide IF Bandwidth
- > Broad RF and LO Bandwidths
- > AC Coupled IF Output
- > High LO Drive Dynamic Range

Maximum Input Power: 250mW CW
Operating Temperature Range: -55°C to +125°C
Storage Temperature Range: -65°C to +150°C
Specification @ +25°C

Model No.	RF Frequency GHz	LO Frequency GHz	IF Frequency GHz	LO Power dBm Nom.	Conversion Loss dB Typ./Max.	L-R Isolation dB Typ./Min.	L-I Isolation dB Typ./Min.	Input 1-dB Comp. Pt. dBm Typ.	Input TOIP dBm Typ.
A1010M	1.0 - 10.0	1.0 - 10.0	0.5 - 4.0	+10	7.5/9.5	25/18	28/18	+4	+14
A1010N	1.0 - 10.0	1.0 - 10.0	0.5 - 4.0	+15	7.5/9.5	25/18	28/18	+9	+18
A1010H	1.0 - 10.0	1.0 - 10.0	0.5 - 4.0	+19	7.5/9.5	25/18	28/18	+14	+22
A2018M	2.0 - 18.0	2.0 - 18.0	2.0 - 8.0	+10	7.0/9.0	25/18	24/16	+4	+14
A2018N	2.0 - 18.0	2.0 - 18.0	2.0 - 8.0	+15	7.0/9.0	25/18	24/16	+9	+18
A2018H	2.0 - 18.0	2.0 - 18.0	2.0 - 8.0	+19	7.0/9.0	25/18	24/16	+14	+22
A2118M	2.0 - 18.0	2.0 - 18.0	0.5 - 8.0	+10	7.5/9.5	25/18	24/16	+4	+14
A2118N	2.0 - 18.0	2.0 - 18.0	0.5 - 8.0	+15	7.5/9.5	25/18	24/16	+9	+18
A2118H	2.0 - 18.0	2.0 - 18.0	0.5 - 8.0	+19	7.5/9.5	25/18	24/16	+14	+22
A2002M	2.0 - 20.0	2.0 - 20.0	2.0 - 8.0	+10	8.0/10.0	25/18	24/16	+4	+14
A2002N	2.0 - 20.0	2.0 - 20.0	2.0 - 8.0	+15	8.0/10.0	25/18	24/16	+9	+18
A2002H	2.0 - 20.0	2.0 - 20.0	2.0 - 8.0	+19	8.0/10.0	25/18	24/16	+14	+22
A2102M	2.0 - 20.0	2.0 - 20.0	0.5 - 8.0	+10	8.5/10.5	25/18	24/16	+4	+14
A2102N	2.0 - 20.0	2.0 - 20.0	0.5 - 8.0	+15	8.5/10.5	25/18	24/16	+9	+18
A2102H	2.0 - 20.0	2.0 - 20.0	0.5 - 8.0	+19	8.5/10.5	25/18	24/16	+14	+22
A2026M	2.0 - 26.0	2.0 - 26.0	2.0 - 8.0	+10	8.5/11.5	25/18	24/16	+4	+14
A2026N	2.0 - 26.0	2.0 - 26.0	2.0 - 8.0	+15	8.5/11.5	25/18	24/16	+9	+18
A2026H	2.0 - 26.0	2.0 - 26.0	2.0 - 8.0	+19	8.5/11.5	25/18	24/16	+14	+22
A6018M	6.0 - 18.0	6.0 - 18.0	2.0 - 8.0	+10	7.0/9.0	27/18	25/18	+4	+14
A6018N	6.0 - 18.0	6.0 - 18.0	2.0 - 8.0	+15	7.0/9.0	27/18	25/18	+9	+18
A6018H	6.0 - 18.0	6.0 - 18.0	2.0 - 8.0	+19	7.0/9.0	27/18	25/18	+14	+22
A6118M	6.0 - 18.0	6.0 - 18.0	0.5 - 8.0	+10	7.5/9.5	27/18	25/18	+4	+14
A6118N	6.0 - 18.0	6.0 - 18.0	0.5 - 8.0	+15	7.5/9.5	27/18	25/18	+9	+18
A6118H	6.0 - 18.0	6.0 - 18.0	0.5 - 8.0	+19	7.5/9.5	27/18	25/18	+14	+22

1. To indicate package style, add prefix to the end of the model number. (Example: Model No. A6118NB - Package "B").
2. Connectors and Spacers are standard to the parts.
3. Custom operating frequency bands & power levels are available upon request.