

MICA Microwave — www.mica-mw.com
TRIPLE BALANCED MIXERS

- ◆ Complete Customization available on all specifications
- ◆ Broadband Frequency Coverage
- ◆ High IF Frequency Coverage
- ◆ Excellent Performance and Temperature Stability
- ◆ High Intercept Point
- ◆ Optional MIL-STD-883C Screening Available

Operating Temperature Range: -55°C to +100°C

Storage Temperature Range: -65°C to +125°C

Specification @ +25°C

MICA Model No.	RF (GHz)	LO (GHz)	IF (GHz)	LO Power (dBm)	Conv. Loss (dB) Typ/Max	L-R Isol (dB) Typ/Min	L-I Iso (dB) Typ/Min	1dB Comp (dBm) Typ	Input TOIP (dBm) Typ	Package Styles ¹
B21K	2.0-8.0	2.0-8.0	0.1-4.0	+10	6.2/9.0	26/16	28/21	+4	+14	W1,X,Y
B21A	2.0-8.0	2.0-8.0	0.1-4.0	+13	6.2/9.0	26/16	28/21	+7	+17	W1,X,Y
B21V	2.0-8.0	2.0-8.0	0.1-4.0	+16	6.2/9.0	26/16	28/21	+10	+19	W1,X,Y
B21Q	2.0-8.0	2.0-8.0	0.1-4.0	+19	6.2/9.0	26/16	28/21	+13	+21	W1,X,Y
B22K	2.0-8.0	2.0-8.0	2.0-6.0	+10	6.2/8.5	24/16	28/16	+4	+14	W1,X,Y
B22A	2.0-8.0	2.0-8.0	2.0-6.0	+13	6.2/8.5	24/16	28/16	+7	+17	W1,X,Y
B22V	2.0-8.0	2.0-8.0	2.0-6.0	+16	6.2/8.5	24/16	28/16	+10	+19	W1,X,Y
B22Q	2.0-8.0	2.0-8.0	2.0-6.0	+19	6.2/8.5	24/16	28/16	+13	+21	W1,X,Y
B61K	6.0-18.0	6.0-18.0	1.5-8.0	+10	7.0/8.5	28/20	26/17	+4	+14	W1,X,Y,Z
B61A	6.0-18.0	6.0-18.0	1.5-8.0	+13	7.0/8.5	28/20	26/17	+7	+17	W1,X,Y,Z
B61V	6.0-18.0	6.0-18.0	1.5-8.0	+16	7.0/8.5	28/20	26/17	+10	+19	W1,X,Y,Z
B61Q	6.0-18.0	6.0-18.0	1.5-8.0	+19	7.0/8.5	28/20	26/17	+13	+21	W1,X,Y,Z
U21K	2.0-18.0	2.0-18.0	0.1-4.0	+10	7.0/9.0	25/16	28/17	+4	+13	W1,X,Y
U22K	2.0-18.0	2.0-18.0	1.5-8.0	+10	6.8/8.5	28/16	26/16	+4	+13	W1,X,Y
U22A	2.0-18.0	2.0-18.0	1.5-8.0	+13	6.8/8.5	28/16	26/16	+7	+16	W1,X,Y
U22V	2.0-18.0	2.0-18.0	1.5-8.0	+16	6.8/8.5	28/16	26/16	+10	+19	W1,X,Y
U22Q	2.0-18.0	2.0-18.0	1.5-8.0	+19	6.8/8.5	28/16	26/16	+13	+21	W1,X,Y

Notes: 1) To indicate package style, add it to the end of the model number (Example: B21HXSP – B21H with Package Style X, SMA Connectors and Optional Spacer Plate). See Outline Drawings for Package Style preferred.