

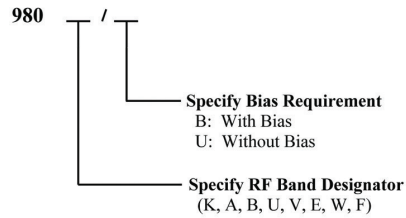
## Description

Mi-Wave's 980/985 Series Millimeter Wave Upconverters use MIC balanced mixers to provide optimum electrical performance throughout the standard product line. Mi-Wave's GaAs beam-lead diode technology means power levels as high as +2 dBm. Low conversion loss specifications ensure efficient upconversion.

- *Low Conversion Loss*
- *Wide Choice of IF Inputs*
- *With or Without RF Filter*

Operating Specifications	
RF Bandwidth	Up to Full Band
Conversion Flatness	±1 dB, Typ.
LO Input Power	+17 dBm
IF Input Power	+17 dBm.
Combined Power	±20 dBm,
RF Output Power	±0 dBm, Typ.
LO VSWR	2:1, Typ.
IF VSWR	2:1, Typ.
LO/RF Isolation	20 dB, Min.
Operating Temperature	-0 C to +50 C

## Ordering Information



985 includes RF filter with -30 dbc lower sideband suppression at IF's greater than 3 GHz.

Please be sure to specify center RF frequency.

