

How To Order

Specify Model Number

MXP-XX-ABCD1

XX = Waveguide Band
WR - Number

A = RF Range
F - Fullband
S - Specified Bandwidth (Please Specify)
X - Fixed Frequency (Please Specify)

B = IF Range
S - specified IF bandwidth (please specify, IF amplifier not included)
X - fixed frequency (please specify, IF amplifier not included)
W - specified IF bandwidth (please specify, IF amplifier included)

C = LO Range
F - fullband
L - lower waveguide band (band below RF band)
S - specified bandwidth (please specify)
X - fixed frequency (please specify)

D = Measurement/Data Options (test conditions)

Mixer offered without IF amplifier:

L - tested for conversion loss alone.

Mixer offered with IF amplifier (tested for noise figure and conversion gain):

0 - 0.1 - 4 GHz
1 - 1 - 8 GHz
2 - 2 - 18 GHz
3 - 6 - 18 GHz
4 - 26.5 - 40 GHz
N - Other

*Please specify frequency range for all narrowband units.

Examples: To order a fullband fundamental mixer in WR-10 with LO and RF swept, specify MXP-10-FXFL1, with the IF specified by the customer for what IF that the mixer will be tested. Generally, the test data will be ~ 10 test points across the RF band at the IF chosen. Additional test data or a specific test plan can be quoted.

To order a fullband fundamental mixer in WR-10 with LO fixed and RF swept, specify MXP-10-FSXL1, with the fixed LO specified by the customer. Test data will again generally be ~ 10 test points across the RF band with the LO fixed, constrained by the maximum IF shown in the spec. table (35 GHz for MXP-10).