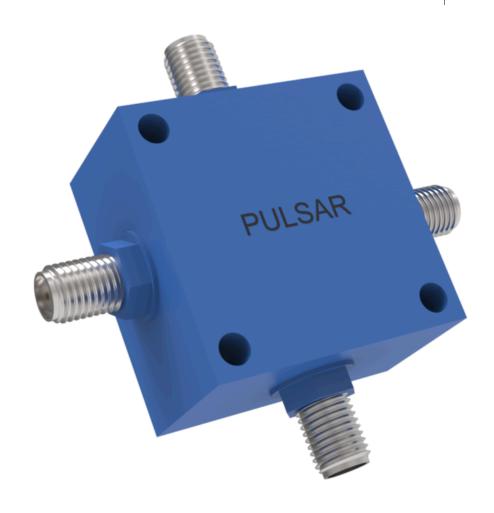
## **IM-05-412**

## SINGLE SIDEBAND IQ MODULATOR



## **SPECIFICATIONS**

PORT CONFIGURATION

Name:	IM-05-412	Carrier:	1
Carrier Frequency (+10 dBm):	66.5-73.5 MHz	Mod. I:	2
Modulation Frequency (-10 dBm):	DC-20 MHz	Mod. Q:	4
Carrier Power:	+10 dBm nom.	RF Out:	3
Conversion Loss:	7.5 dB max.	Ground:	Housing

Compression Point: 0 dBm min.
Sideband Rejection: 30 dBc min.
Carrier Rejection: 30 dBc min.

Connector Type: SMA

SMA female connectors standard, also available with BNC, TNC, F, and N connectors. Single Sideband Modulators do not include baseband quadrature hybrids.

Lower Sideband is suppressed when modulation frequency Q is  $+90^{\circ}$  relative to modulation frequency I.

This is a commercial off the shelf (COTS) product.

For an equivalent product that meets DFARS materials compliance, contact sales. All specifications are subject to change without notice at any time. Rev: 250318

