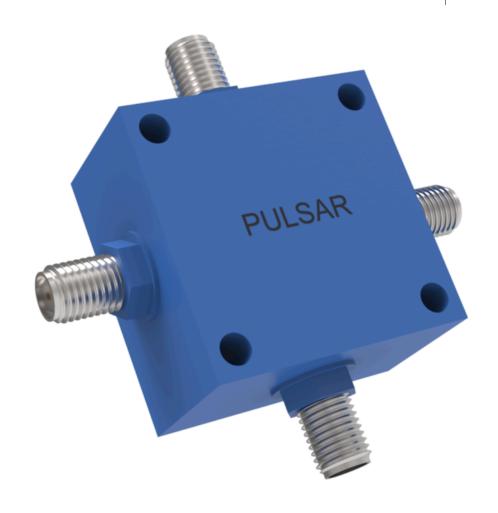
## SINGLE SIDEBAND IQ MODULATOR



## **SPECIFICATIONS**

PORT CONFIGURATION

Name: IM-12-412 Carrier: 1 Carrier Frequency (+10 dBm): 865-900 MHz Mod. I: 2 Modulation Frequency (-10 dBm): DC-100 MHz Mod. Q: 4 Carrier Power: +10 dBm nom. RF Out: 3 Conversion Loss: 9.0 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

