

IM-15-412



SINGLE SIDEBAND IQ MODULATOR



SPECIFICATIONS

Name:	IM-15-412
Carrier Frequency (+10 dBm):	1710-1735 MHz
Modulation Frequency (-10 dBm):	DC-100 MHz
Carrier Power:	+10 dBm nom.
Conversion Loss:	10.0 dB max.
Compression Point:	0 dBm min.
Sideband Rejection:	20 dBc min.
Carrier Rejection:	20 dBc min.
Connector Type:	SMA

PORT CONFIGURATION

Carrier:	1
Mod. I:	2
Mod. Q:	4
RF Out:	3
Ground:	Housing

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° 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

www.pulsarmicrowave.com · 48 Industrial St West, Clifton NJ 07012 · Tel: 973-779-6262 · Fax: 973-779-2727 · sales@pulsarmicrowave.com

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