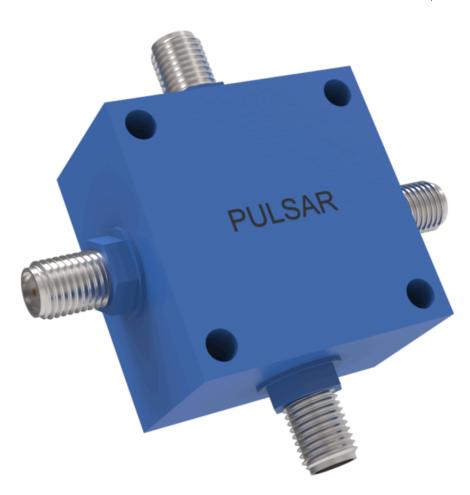
IM-09-412

SINGLE SIDEBAND IQ MODULATOR



SPECIFICATIONS

Name:	IN
Carrier Frequency (+10 dBm):	2
Modulation Frequency (-10 dBm):	D
Carrier Power:	+
Conversion Loss:	8
Compression Point:	0
Sideband Rejection:	3
Carrier Rejection:	3
Connector Type:	S

IM-09-412 285-315 MHz DC-100 MHz +10 dBm nom. 8.0 dB max. 0 dBm min. 30 dBc min. 30 dBc min. 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



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