


HX8003

General Description

The HX8003 is a passive double balanced mixer from which can be used as an up- or downconverter in the frequency range from 26.0 to 39.0GHz.

It comes in a hermetically sealed package with SMA and K connectors.

Electrical Performance

Typical Data @25 °C, LO = +13dBm

Parameter	Min	Typ	Max	Units
Frequency Range, RF	26.0		39.0	GHz
Frequency Range, LO	26.0		39.0	GHz
Frequency Range, IF	DC		10.0	GHz
Conversion Loss		11	12	dB
LO Power	10	13	15	dBm
LO/RF Isolation	35	40		dB
LO/IF Isolation	25	35		dB
RF/IF Isolation	20	25		dB
Operating Temperature	-40		+85	°C
Storage Temperature	-55		+90	°C
Connectors	K-f (LO), SMA-f (IF), K-f (RF)			
Package	M204			
Size	18 x 18 x 8			mm

Rev. 1.2