


HX8002

General Description

The HX8002 is a passive double balanced mixer from which can be used as a downconverter in the frequency range from 19.5 to 21.5GHz.

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

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range, RF	20.5		21.5	GHz
Frequency Range, LO		19.5		GHz
Frequency Range, IF	0.9		1.6	GHz
Conversion Loss		9	11	dB
LO Power	10	13	15	dBm
RF/LO/IF Isolation	20			dB
Operating Temperature	-10		+55	°C
Storage Temperature	-30		+70	°C
Connectors	K-f (LO), SMA-f (IF), K-f (RF)			
Package	M204			
Size	18 x 18 x 8			mm

Rev. 1.0