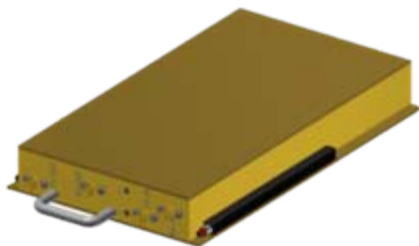


* Active parts

Converter (Ku-UDC)



• Features

- ▶ In/Out Return Loss : 1.5 :1
- ▶ LO Stability : 0.1 PPM
- ▶ Isolation : -90 dBc
- ▶ Phase noise : -75dBc @1kHz/ -85dBc @10kHz/
-95dBc @100 kHz/ -110dBc@1MHz

* Applications

- ▶ Data Link

1.TX Specifications			
PARAMETER		SPEC.	Unit
Input Frequency		70	MHz
Input Power Level		-10	dBm
Output Frequency		15.4~15.8	GHz
Output Power		1	W
Gain		40	dB
TX Power Range		30	dB
Two-Tone IMD		-26	dBc
2.RX Specifications			
PARAMETER		SPEC.	Unit
Input Frequency		15.4~15.8	GHz
Input Power Level		-82 ~ -7	dBm
Output Frequency		70	MHz
Output Power Leve		-10	dBm
Two-Tone IMD		-50	dBc
AGC Range		75	dB
Automatic gain control response time		20	ms
Image Rejection		-60	dBc
3. COMMON. Specifications			
PARAMETER		SPEC.	Unit
Output micro-variable adjustment		±1.5	dB
Temperature compensation for gain adjustment range		0 ~ +10/0.5 Step	dB
Gain flatness		1	dB
Spurious		-60	dBc
Frequency Hopping Step size		1	MHz
DC Power	Voltage	10	Vdc
	Power	4	W
Weight		1.0	Kg
Dimensions		3U X 200 X 30	mm