

Up/Down Converter

▣ Description



The up, down and up/down converters are originally designed for the translating frequency repeaters for TRS. The down-converter enables the system to have optimal performance in rejection out of band by converting RF into IF. The up-converter turns the IF into RF. Custom order is available for various applications.

▣ Specifications

Model No.	ACV - 810UD10	ACV - 810U10	ACV - 810D10
Type	UP/DOWN	UP	DOWN
Input Frequency [MHz]	806 ~ 821	-	806 ~ 821
Output Frequency [MHz]	806 ~ 821	806 ~ 821	-
IF Frequency [MHz]	70	70	70
Local Frequency [MHz]	736 ~ 751	736 ~ 751	736 ~ 751
Gain [dB]	10	10	10
Gain Flatness [dB]	±1max.	±1max.	±1max.
VSWR	1.5 : 1 typ.	1.5 : 1 typ.	1.5 : 1 typ.
P1dB [dBm]	20	10	20
Output PIP3 [dBm]	30min.	22min.	30min.
DC Input Power [Vdc / A]	12 / 1max.	12 / 1max.	12 / 1max.
In / Out Connector	SMA (F)	SMA (F)	SMA (F)
Operating Temp [°C]	-20 ~ +60	-20 ~ +60	-20 ~ +60
Size (WxLxH) , [mm(inch)]	80x122x26 (3.15x4.80x1.02)		

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com