



The **sub-rack family** of up/down/tlt converters are designed for the most challenging C/X/Ku/Ka-band **professional & military** satellite communication systems (ground, SOTP, SOTM, maritime, etc.). Latest technology is applied to obtain the best power efficiency, phase noise, gain stability and spurs rejection according to **MIL-STD-188-164C**. The sub-rack family is a **high reliability** solution designed for **harsh environmental conditions**, with every single production unit **fully tested** in an environmental chamber and delivered with a complete factory acceptance test report.

CONFIGURATION

Upconverters	C, X, Ku, Ka band
Downconverters	C, X, Ku, Ka band
Test Loop Translators	C, X, Ku, Ka band
Redundancy	C, X, Ku, Ka band

FEATURES

- Mixed of different modules over the same rackmount package (up to 3 modules)
- Complete remote/local monitoring and control including LO and power monitor ports
- High linearity combined with low phase noise and power consumption
- High stability internal reference with automatic external selection on presence
- Front display with easy operation
- Independent power supply for each module
- Front panel covers included (3 units) for empty bays ACRC-Vx-COVER

ENVIRONMENTAL SPECIFICATION

Storage temperature	-40 to +70 °C
Operating temperature	0 to +50 °C
Relative humidity	up to 95%
Operating altitude	up to 3000 m

MECHANICAL SPECIFICATIONS

Number of bays	3
Dimensions	508 (L) x 430 (W) x 44.2 (H) mm 20 (L) x 16.9 (W) x 1.7 (H) in
Weight	1.0 kg typ (without modules) 2.2 lbs typ (without modules)

APPLICATIONS

- Commercial and military platforms
- Fixed stations
- Mobile and transportable stations
- VSAT and gateways