RF System

EASY TO USED FOR 19' RACK MOUNT OR EMBEDDED SOLUTION

MADE IN FRANCE

RF Systems 1U is a hardware optimized to run the ARCALE RF Suite software that does not require the power of an FPGA. The frequency range covered is adjustable to suit your needs.

APPLICATIONS

> SIGINT, COMINT
> Spectral Monitoring
> R&D
> Modular and scalable instruments

SPECIFICATIONS

	1U-12	1U-27	1U-40	1U-100
RF SPECIFICATION				
CHANNEL TYPE	Rx or Tx	Rx	Rx	1 or 2 Rx
FREQUENCY BAND (SMA 50 Ohms)	70 MHz to 6 GHz	9 KHz to 6 GHz	9 KHz to 6.2 GHz	9 KHz to 8, 20, 40 GHz
INSTANTANEOUS BANDWIDTH	12 MHz	27 MHz	40 MHz	100 MHz
Rx SENSIBILITY	-110 to -10 dBm	-158 to +10 dBm	-160 to +20 dBm	-160 to +20 dBm
CONNECTOR TYPE	SMA			
CONNECTOR	SMA 50 ohm			
RF CONDITIONING	HF, VUHF, SHF			
GPS	Synchro PPS, GPS antenna connector if available			
SOFTWARE	ARCALE RF SUITE MODULE			
	SPECTRUM, PLAYER, RECORDER, ANALYSER, CPU DDC, SERVER, SEEKER, RADAR			
HARDWARE				
HARD DRIVE CAPACITY	UP TO SSD 8TO*2			
CONNECTIVITY	ETHERNET UP TO 2.5 GB/s			
POWER	110 TO 240 VAC 50/60 HZ (OPTIONAL 12 OR 24 VDC) 100W NOMINAL 130W MAX			
SIZE	43 (OUTSIDE FIXING EAR) * 31 * 4.5 cm			
WEIGHT	5,3 KG			

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SPHEREA POWER & INSTRUMENTATION