



Defence Electronics

WORK Microwave is able to design and produce a wide range of equipment to meet the evolving needs of our customers in this field. Over the years, WORK Microwave has built up a strong reputation for providing customers with reliable, high spec and energy saving equipment.





Our products in this field

- radar synthesizers and front-ends
- radar transponders
- ECM equipment
- RF selectors
- medium-power amplifiers and drivers up to 200 watts
- application-specific RF and Microwave solutions


We are glad to develop synthesizers and oscillators or other customized products in order to meet your individual requirements in this field.

Sensors & Measurement

Signal Generators




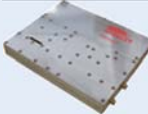


	Product	Key-Features
Frequency Generator	 SSX RF Generator	10 kHz -2.8 GHz, CW Signal Generator, 19" 1RU, Low Phase Noise
	 SSX (E) RF Generator	87.5 MHz -2.8 GHz, CW Signal Generator, 19" 1RU, Low Phase Noise
	 SSG-6 - SSG-24 or with Customized Frequencies	4-10 GHz with 2 GHz Bandwidth max., 10-25 GHz with 2.5 GHz Bandwidth max., CW Signal Generator, 19" 1RU, Low Phase Noise
Timing Generator	 BuTis Timing Generator and Distribution System	10 MHz and 200 MHz Output, High Stability due to Double Oven Crystal Oscillator, 0.5° Phase Adjustment, BPSK Capability for Slow Timing Signals



Satcom Test Instruments	 <p style="text-align: center;">Handheld Satcom Test Source</p>	50 MHz to 180 MHz and 950 MHz to 2150 MHz output frequency, -45 dBm to -5 dBm output power / 0.5 dB step size
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Satcom Technologies

Frequency Converters



	Product	Key-Features
IF Frequency Converters	 <p style="text-align: center;">Satellite Up- / Down- Converter</p>	Single, Dual and Triple Band or Dual Channel IF Converter within 19" 1RU or IP67 Outdoor Housing, S, C, X, Ku, K, Ka Band, 70/140 MHz Switchable Option, Low Power Fanless Design, High Stability, Low Phase Noise
	 <p style="text-align: center;">Inmarsat / Narrowband Down- Converter</p>	Inmarsat L-Band to 70/140 MHz, Dual Channel with ALC Option within 19" 1RU or IP67 Outdoor Housing, Low Power Fanless Design, High Stability, Low Phase Noise
Block Converters	 <p style="text-align: center;">Synthesized Block Up- / Down- Converter</p>	S, C, X, Ku, K-, Ka-Band, within 19" 1RU or IP67 Outdoor Housing, Low Power Fanless Design, High Stability, Low Phase Noise
	 <p style="text-align: center;">Block Up- Converter Module (mini-buc)</p>	Single, Dual, Tri Band Block Up-Converter Module, L Band to C, X, Ku, K Band, High Stability, Low Phase Noise, Compact Design
	 <p style="text-align: center;">Fixed Frequency Block Converter</p>	C, X, Ku, K Band, within 19" 1RU or IP67 Outdoor Housing, Low Power Fanless Design, High Stability, Low Phase Noise
Monopuls Tracking Converters	 <p style="text-align: center;">Dual Channel Shared Oscillator Converter</p>	For Monopuls Tracking Receivers, High Inter-Channel Phase Stability, within 19" 1RU or IP67 Outdoor Housing, Low Power Fanless Design, Low Phase Noise



DVB - S/S2



	Product	Key-Features
Modulators	 High Speed DVB-S/S2 Modulator	IF or L-Band Output, 8 kbps to 60 Msps, QPSK, 8PSK, 16APSK and 32 APSK, In-Field-Upgradeable, Optional with BISS-E Encryption, 19" 1RU
Modulator Up-Converters	 High Speed DVB-S/S2 Modulator Up- Converter	S, C, X, Ku, K, Ka Band, 8 kbps to 60 Msps, QPSK, 8PSK, 16APSK and 32 APSK, In-Field-Upgradeable, Optional with BISS-E Encryption, 19" 1RU
Modulator Block Up- Converters	 High Speed DVB-S/S2 Modulator Block Up- Converter	C, X, Ku, K Band, 8 kbps to 60 Msps, QPSK, 8PSK, 16APSK and 32 APSK, In-Field-Upgradeable, Optional with BISS-E Encryption, 19" 1RU
Demodulators	 High Speed DVB-S/S2 Demodulator	IF or L-Band Input, 60 kbps to 60 Msps, QPSK, 8PSK, 16APSK and 32 APSK, Optional with BISS-E Decryption, 19" 1RU
	 High Speed DVB-S2 IP Demodulator	IF or L-Band Input and Output, Datarate up to 160Mbit/s, GSE, OptiACM, Network Layer 2 and 3 Capability, 19" 1RU
Modems	 High Speed DVB-S2 IP-Modem	IF or L-Band Input and Output, Datarate up to 160Mbit/s, GSE, OptiACM, Network Layer 2 and 3 Capability, 19" 1RU
	 High Speed DVB-S/S2 Transport Stream Modem	IF or L-Band Input and Output, 60 to 60 Msps, QPSK, 8PSK, 16APSK and 32 APSK Available, In-Field-Upgradeable, 19" 1RU

Redundancy Switches

	Product	Key-Features
1+1	 Redundancy Switch / Controller 1 : 1	Includes Input Splitter and Output Transfer Switches, Redundant Power Supply
N+1	 Redundancy Switch / Controller N : 1	With External Switch Panels, Redundant Power Supply



Additional Satcom Equipment

	Product	Key-Features
Remote Control Units	 Remote Control Unit	Remote Control for Indoor and Outdoor Units, Optional with Uplink Power Control
ALC's	 Automatic Level Control (ALC)	With included Filter Amplifier, Different Bandwidths available, Single and Dual Channel Units



IP67 Outdoor Units on request

