30 Years of Excellence
IN SATELLITE COMMUNICATIONS

SWEDISH MICROWAVE AB
BOOST YOUR LINK BUDGET –
SMW products are all of modern PLL design. Low phase noise, tolerant design with high P1 dB, IP3 and our RF-over-Fiber links help you get the best from your antenna system.

Our **C-band** LNBs have integrated filters to minimize unwanted signals such as WiMAX and 5G. Available as single band or 2-band switchable, full C-band covering LNBs and BDCs.

State-of-the-art **X-band** offering includes LNB and BDC models in compact housings for both normal Receive frequencies and Transmit monitoring. Outstanding performance includes very low phase noise and very high stability over temperature and time. Special models for Earth Observation applications are available.

The SMW **Ku-band** line includes our revolutionary WDL and Multi-band designs. WDL products provides full simultaneous Ku-band coverage and was recently extended with single, Wideband IF output as well as Fiber Optic output. Multi-band switchable products mean SOTM and VSAT no longer requires changing LNBs when entering a new geographical area. Simply change the DC voltage and/or use 22 kHz tone to switch LO for absolute versatility.

Full **Ka-band** covering Quad LNA-BDC systems are a unique SMW product enabling simultaneous reception of the entire Ka-band with four normal L-band outputs. Also available are Single- and 2-band switchable LNBs and BDCs, including models with O3b approval.

Our **RF-over-Fiber** system have virtually no signal loss and allows for antennas to be situated many hundreds, even many thousands, of meters away from the receiver or modem. **Quad-Link** “single fiber to the antenna” CWDM systems are fully HTS ready with excellent dynamic range and wide L-band bandwidth. **WDFL PLL** Ku-band LNB have direct modulated Fiber Optic outputs and connects to our Quattro fiber optic receiver. All SMW Fiber Optic product are fully outdoors proof, no need for extra enclosures. Because they operate with industry standard lasers they connect not only to our receivers but also to most third-party receivers for unparalleled compatibility.

Our **RF-accessories** include outdoors proof Bias-Tees, Ultra high stability 10 MHz Reference source, L-band Line Amplifier with AGC or Fixed gain and more.
SWEDISH MICROWAVE –

Professional LNBs, LNAs, BDCs, TLTs and RF-over-Fiber products for demanding applications in VSAT, SNG, Cable-TV headends, Earth Stations, Marine VSAT, HTS, SOTM, Earth Observation and many more.

High Stability PLL circuitry, available with optional External 10 MHz Reference input for the most demanding applications. Our LNBs even outperform traditional LNA – BDC systems. With low phase noise and excellent dynamic range to meet the demands of HTS symbol/data rates, many of our products also meet the DVB-S2X standard.

All in-house design and manufacturing, quality components, robust and proven hardware and units 100% tested prior to shipment. These are some of the steps we take to enable a high degree of customization and to ensure the well-known SMW Quality. This enables our generous warranty terms and provide our customers with hassle-free operation, year after year.

– SO WHAT CAN WE DO FOR YOU?

Designed and Manufactured

IN SWEDEN

– Since 1986 –

SMW

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