The 4116-200 Ka-band Block Downconverter converts 17.7 - 21.2 GHz to 0.95 - 1.95 GHz in four selectable fixed bands. Front panel LEDs provide indication of DC Power and PLL Alarms. The L-band to RF gain is +30 dB. Connectors are Super SMA for RF In and RF Monitor, SMA for external reference input and output, and Type N (all female) for L-band out. Gain, band select, and internal 10 MHz frequency are controlled by the Ethernet M&C. In AUTO, the 10 MHz reference stays in external if the external level is in the +2 to +8 dBm range. The unit is powered by a 100-240 ±10% VAC power supply, and is mounted in a 8” W × 6” H × 16” D Weather Resistant* enclosure.

*Weather Resistant enclosures are designed to be water resistant for installation in an outdoor enclosure/antenna hut OR mounted outdoors on an antenna assembly at their specified temperature ranges. They are designed to be located “out in the elements” (water, sleet, snow, etc.) but they are not designed to be “submerged under” water.

If an extended temperature range is required, there is an Extended Temperature option (Option W21; -30˚C to +60˚C) available at an additional cost. Contact Cross for quote.

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**The 4116-200 Ka-band Block Downconverter is a versatile device capable of converting signals in the Ka-band to the L-band, with a gain of +30 dB. It supports four fixed bands in the Ka-band (17.7 to 21.2 GHz) and can output signals in the L-band (0.95 to 1.95 GHz) via Super SMA connectors. The unit is powered by a 100-240 ±10% VAC power supply and is designed to be weather resistant, suitable for outdoor use.

**Weather Resistant enclosures are engineered to withstand exposure to the elements, ensuring long-term performance in outdoor environments. They are designed to be “submerged under” water, making them ideal for use in harsh conditions.

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**Cross Technologies, Inc.**

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