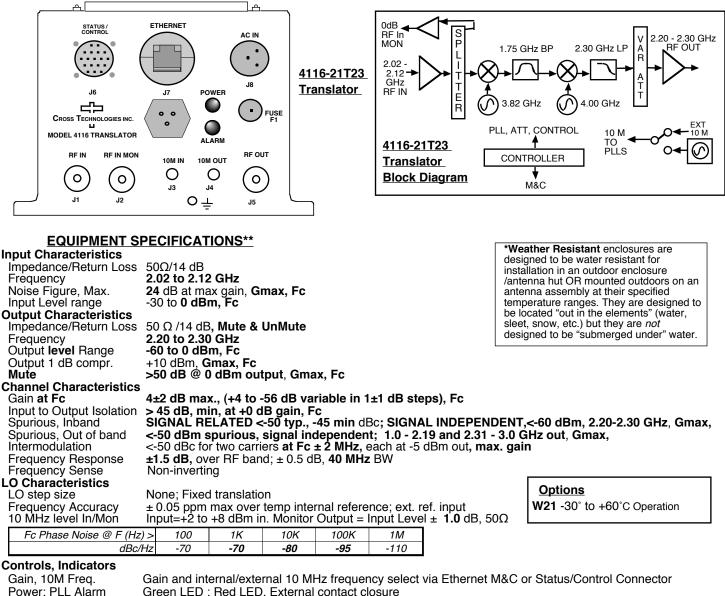
CROSS TECHNOLOGIES. INC.

DATA SHEET

REV. D 7/02/24

4116-21T23 Translator, 2.02 - 2.12 to 2.20 - 2.30 GHz, Weather Resistant*

The 4116-21T23 Translator converts 2.02 - 2.12 GHz to 2.20 - 2.30 GHz. Front panel LEDs indicate DC Power, and PLL Alarm. The RF in to RF out gain can be adjusted from +4 to -56 dB (1 ±1 dB steps). Connectors are Type N female for the RF out, RF in and RF in Monitor and SMA female for the external 10 MHz reference input. Gain, mute, and internal 10 MHz frequency are controlled by the M&C (Ethernet and/or Status/Control). In AUTO, the 10 MHz reference stays in external if the external level is in the +2 to +8 dBm range. It is powered by a 100-240 ± 10% VAC power supply, and mounted in a 8"W X 6"H X 16"D Weather Resistant* enclosure.



Other

Green LED ; Red LED, External contact closure

Connectors*	Connector P/N	Mating Connector P/N	Additional Connector Specifications*			M&C Interface
Status/Control Connector	MS3112E14-18S	MS3116F14-18P	RF In, Out	RF MON	10 MHz In/Out	RS232/422/485;
AC Input Connector**	CL1M1102	CL1F1101	Type N (F) 50 Ω	Type N (F) 50 Ω	SMA (Female) 50 Ω	Ethernet: Web Browser, SNMP & TCP/IP STD.
Ethernet Connector / RJ45	RJF21B	RJF6G				

Size Power

8"W X 6"H X 16"D Weather Resistant* Enclosure

100-240 ±10% VAC, 47 - 63 Hz, 25 watts maximum.

**+0 to +50 degrees C; Specifications subject to change without notice

