

UPP0003A

Up Link Power Controller

Model Type: **UPP0003A**

This device contains a microcontroller programmed in C language that enables automatic functioning of the system and interfacing with the remote computer (host computer).

The UP Link Power Controller allows to set up the output power of the TWT depending on the received signal (beacon level), in order to compensate link attenuation.

Moreover, it is possible to control remotely the TWT in order to set the internal parameters.



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Interface

Remote Control	Rs232 or Rs422 (setting through the menu) through DB9-F
TWT1 Serial Remote Control	Rs232 through DB9-F Allows to monitor the functionality of the device (TWT1) and to improve power when necessary.
TWT2 Serial Remote Control	Rs232 through DB9-F Allows to monitor the functionality of the device (TWT2) and to improve power when necessary.
TWT1 and TWT2 Alarm	Dry contact (Open Collector) from TWT1 and TWT2
Beacon Signal Level	Through DB9 female it is possible to check the Beacon Signal Level to improve TWT power when necessary.

Mechanical Specification

Primary power requirements	230V AC $\pm 10\%$, 50Hz to 60Hz, 40VA max
Mechanical construction	1U 19" standard rack, 350mm deep
Weight	2Kg
Temperature	0°C to 50°C operating -40°C to 85°C storage
Relative humidity	0 to 90% operating 0 to 95% storage
MTBF	80000 h

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