

cito Plus 1311-ACNA-P37A-FN

cito Plus 1100 W, 13.56 MHz

Product specification

Type Designation	cito Plus 1311-ACNA-P37A-FN
Part Number	64001235
Frequency	13.56 MHz
RF Power	1100 W
Max. delivered power into mismatch	200W
Load impedance	50 Ohms
RF Connector	N-type Ohms
RF power regulation mode	P forward, P delivered or Process feedback
Regulation	± 1 % of setpoint or ± 0.1 % of full rated power
RF on rise time	< 20 ms
RF off fall time	< 1 ms
Pulse Mode	No
Pulse rise time	N/A
Pulse fall time	N/A
Pulse repetition frequency	N/A
Pulse duty cycle	N/A
Pulse period resolution	N/A
Interfaces	RS232, Ethernet, DB37 Analog/Digital, 9-pin matching bus
Additional Fieldbus Interface	Profibus
Front panel	Active front panel
Harmonics	≤ -40 dBc
Spurious content	≤ -50 dBc
CEX operation mode	Yes
CEX input signal as required	+ 3 dBm to + 10 dBm
CEX output signal specifications	+ 6 dBm +/- 2 dBm
CEX connector	BNC
CEX Phase Shift	-180 degrees to +180 degrees in 1 degree steps

Physical specification

Dimensions	441 mm (width) x 500 mm (depth) x 88 mm (height)
Weight	< 16kg
Mounting	19" rack mounting
Clearance	80 mm to air inlet

AC power line

AC line voltage (VAC 1-phase)	Single phase 187 VAC to 265 VAC
AC line frequency	50/60 Hz nominal
Operating AC line current	6.2 A to 8.6 A
AC input power	Single phase 187 VAC to 265 VAC
Efficiency line to load	> 0.69 typical %
Power factor	> 0.95 typical
AC mains connection	IEC 320

Cooling

Cooling method	air cooled
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Protections

Reflected power limit	Yes
Overtemperature	Yes
Humidity	–
DC current limit	–
DC overload	–
RF power limit	Yes