

cito 4020-WC7B-N37A-FF

cito 2000 W, 40.68 MHz

Product specification

Type Designation	cito 4020-WC7B-N37A-FF
Part Number	65000004
Frequency	40.68 MHz
RF Power	2000 W
Max. delivered power into mismatch	400 W
Load impedance	50 Ohms
RF Connector	7-16 DIN
RF power regulation mode	P forward, P delivered or Process feedback
Regulation (%)	± 1.5 % of setpoint or ± 0.15 % of full rated power
RF on rise time	< 30 ms
RF off fall time	< 1 ms
Pulse Mode	Yes
Pulse rise time	< 10 µs
Pulse fall time	< 1 µs
Pulse repetition frequency	0.017 – 30'000 Hz
Pulse duty cycle	0.0 to 99 %
Pulse period resolution	0.1 µs
Interfaces	RS232, Ethernet, DB37 Analog/Digital, 9-pin matching bus
Interfaces optional	Profibus
Front panel	LCD graphic display 256 x 132 dots, black/white
Harmonics	≤ - 40 dBc
Spurious content	≤ - 50 dBc
CEX operation mode	Yes
CEX input signal as required	3 – 10 dBm
CEX output signal specifications	7 ± 2 dBm
CEX connector	BNC
CEX Phase Shift	-180 degrees to +180 degrees in 1 degree steps

Physical specification

Dimensions	483 mm (width) x 554 mm (depth) x 133 mm (height)
Weight	Air cooled < 15 kg / water cooled < 39 kg
Mounting	19" rack mounting
Clearance	80 mm to air inlet

AC power line

AC line voltage (VAC 1-phase)	3 phase 360 VAC to 528 VAC
AC line frequency	50/60 Hz nominal
Operating AC line current	< 300A
Efficiency line to load	> 0.67 typical %
Power factor	> 0.75 typical
AC mains connection	3 m mains cable with open end

Cooling

Cooling method	water and air
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Protections

Reflected power limit	Yes
Overtemperature	Yes
Humidity	No
DC current limit	No
DC overload	No
RF power limit	Yes