

AGS 1350W ICP MATCHING NETWORK

Product specification

Type Designation	AGS 1350W ICP MATCHING NETWORK
Part Number	71000015
Frequency (MHz)	014
Power (W), max. output	5000
RF Output Connector	ICP
Position of RF output connector	rear right
Input connector	7-16 DIN
Max. delivered power into mismatch (W)	5000
Voltage (V peak)	5000
Current (Arms)	75
RF Input (Ohms)	50
Pulse repetition frequency (KHz)	DC to 10

Physical specification

Dimensions (mm x mm x mm)	208 (W) x 384 (D) x 193 (H)
Weight (kg)	08
Mounting	mounting area is bottom plate (by screws)
Clearance to ensure sufficient air flow (mm)	50

AC power line

AC line voltage (VAC 1-phase)	90 to 264
AC line frequency (Hz)	50/60
Operating AC line current (A)	01
Inrush AC line current (A)	12
AC input power (VA)	90
Power factor	01
AC mains connection	IEC 320 mains connector

Cooling

Cooling method	Air and Water
Air cooling requirement (cubic m/h)	3
Min. cooling water (liters/min), flow rate	2
Cooling water pressure (Bar)	1 - 2 differential as req.to achieve min. flow rate
Maximum cooling (Bar), water pressure	4
Cooling water temperature (degrees)	22 - 30, temp. must be > than ambient to avoid cond.
Coolant connectors / fittings (mm)	6 mm Serto tube fitting (optional 6.35 mm)

Protections

Ambient temperature sensor	Yes
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