

IAIFTCP60; 1030-1090 MHz 4 Channel x 800W

- Solid-state
- High Dynamic Range
- Fast Switching Capability
- High reliability and ruggedness



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1030-1090 MHz
Output Power:	4 x 800 W %6 100 μ s
Nominal Gain:	60 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞ :1
DC Supply Voltage:	50 V
Efficiency:	% 45
Enable Speed:	1 μ s max.
Pulse Droop :	0.5 dB
Rise / Fall Time	50 nsec max.
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F, 516.5
Vibration:	MIL-STD-810F, 514.5

INTERFACES

RF Input:	SMA Female
RF Output:	SMA Female
37 Pin Micro-D :	
1,6,13,14,15,24,26,31,32,33	GND
17,18,19,35,36,37	50V
2,4,7,22,12,16,34	NC
5	Enable Channel-1
3	Enable Channel-2
20	Enable Channel-3
23	Enable Channel-4
27	Temp. Channel-1
28	Temp. Channel-2
29	Temp. Channel-3
30	Temp. Channel-4
8	VSWR Channel-1
9	VSWR Channel-2
10	VSWR Channel-3
11	VSWR Channel-4

MECHANICAL SPECIFICATIONS

Size (mm) :	280 x 185 x 22
(inch) :	11 x 7.28 x 0.87
Weight :	2400 gr.
Plating :	Yellow Chromate

Typical Input-Output Power Characteristic

