

RFe-BIS-690-2700-24, Burn In System, 24 outputs

The RFe-BIS-690-2700-24 is a wide band Burn-In System, enabling 24 DUTs to receive a test signal in the 690-2700MHz frequency range. The System consist of 50Watt high power amplifier, power splitter unit and RF connection cable. The Burn In System, enabling up to 24 DUTs to be tested simultaneous at extreme temperatures for RF Life Test.

- Bandwidth: 690MHz – 2700MHz
- High power 100W 24-way RF splitter
- Optional 1:24 way splitter
- Optional 2 times 1:12 way splitter
- Highly rugged and reliable design

The Burn-In System consists of the following:

1. RF power splitter unit
2. RF power amplifier
3. RF cable



Electrical Specification @ 25°C, 50ohm system, subject to change without further notice.

Parameter	Symbol	Min	Typical	Max	Unit
Burn In System bandwidth	BW	690		2700	MHz
RF amplifier input power			0	10	dBm
RF amplifier Input Return Loss		-10	-12		dBm
Output power, 24 ports (input at Port A)			1		Watt
Output power, 12 ports (input at Port B1 or B2)			2		Watt
Output Return Loss, 24 ports		-18	-25		dB
AC supply voltage		100-250, single phase			V _{AC}
AC Input Power, at RF amplifier 50Watt output				250	Watt
AC Input Power, at RF amplifier quiescent				200	Watt

Mechanical Specification

Parameter	Value	Max	Unit
Dimensions, Height, 3U, each unit	132.55mm, 5.22"		mm/inches
Dimensions, Length	460mm, 18.11"		mm/inches
Dimensions, Width	19" rack		Inches
Weight	RF amplifier= 21, Power Splitter=18		Kg

Environmental Specification

Parameter	Symbol	Min	Max	Unit
Operating temperature, Case, Power Splitter	T _{C_PS}	-30	85	°C
Operating temperature, RF power amplifier	T _{C_AMP}	0	55	°C
Storage temperature	T _S	-30	85	°C
Relative Humidity, non-condensing	RF		95	%