



Arris®/C-COR™ 45-90 VAC 2.3 Amp Power Supply For FM901E Series AFM901E-90VPS

The Arris/C-COR FM901E series power supplies are designed to be drop-in replacements to the OEM power supplies. The power supply accepts a quasi-square wave input between 45 and 90 VAC to provide a +24 VDC 2.3 Amp output to the RF module. Built into the power supply is a triac surge protection. The power supplies can be used to power the Arris/C-COR FM901E series RF modules or the ACI ASEM 1G and 1.2G drop in upgrade modules.

Specifications

ACI POWER SUPPLY FM901E Series		AFM901E-90VPS	
Specifications	UNITS	SPECIFICATION	
Input Voltage Range	Vrms	45 - 90	
Input Line Frequency Range	Hz	47 - 63	
Output Voltage Ranges. (For All Input Voltage Ranges and Temperatures)	Vdc	24 ± 0.5	
Output Current Range	A	0 – 2.3	
Output Ripple (pk-pk, DC~30MHz)	mV	30 Max.	
Short Circuit Duration	Time	Continuous	
Input Surge Protection Range(s). Input surge test requirement (When installed in the amplifier)- IEEE C62.41 Class B3 Combination wave using A2 OHM source impedance	Vpeak	6000 VOLT SURGE	
Efficiency at Full Load High Line (90 Vac)	%	>85	
Input Power Factor	W/VA	>0.6	
Low Voltage Cutoff "LVC"	Vrms	42 ±1.5	
Minimum Restart Voltage	Vrms	42 ±1.5	
Environmental			
Operating Temperature	°F (°C)	- 40 to + 185 (- 40 to + 85)	



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Rev C 06-08-2023 Printed in U.S.A.
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