

Datasheet

- **V23-2102G 12V 100mA Power Supply**
- **V23-2110G 12V 100mA Power Supply with variable signal level control**
- NEW V23-2102G 12V 100mA Universal Power Supply for most makes masthead pre-amplifier
- NEW V23-2110G 12V 100mA with constant impedance attenuator (0-20dB) variable signal level control
- Ideal power supplies for Vision Gold range of amplifiers and other standard 12V masthead amplifiers
- Full short-circuit & overload protection with red/green L.E.D indicator for overload and safe operation
- Internal temperature sensing for improved safety
- Fully screened RF loop-through with F-Connectors for lower insertion loss
- Fully screened variable attenuator on V23-2110G for convenient and easier set-up
- 0.6m mains lead with UK mains plug with 3A fuse fitted
- Visible fixing lugs and screw holes for easy fixing

V23-2110G is designed to control the signal level from a fixed gain amplifier. This uses a high quality constant impedance variable attenuator in the power supply housing for convenience rather than located in the masthead amplifier on an aerial mast. By locating the attenuator after the amplifier also reduces the noise figure of the system.



Model	V23-2102G	V23-2110G
Outage Voltage	12V-negative earth. Centre pin +ve	
Current	100mA	
DC Short-circuit / overload protection	12V regulated output with s/c protection. Red L.E.D indicates overload or short circuit. Green L.E.D indicates power on.	
Frequency range	5 to 862MHz	5 to 862MHz
Insertion Loss	<0.5dB	<1.0dB attenuator set to min 20dB attenuator set to max
RF Connections	F-female for input and output	
Loop-through	Diecast fully screened with integral F-female connectors DC pass to input – DC blocked to output	
Mains voltage	230V AC ±10% 50Hz	
Mains voltage protection & safety	3A mains fuse in UK standard plug. Positive Temperature Coefficient (PTC) transformer temperature sensing device	
Mains Plug	UK standard moulded plug with 3A fuse to BS1363	
Lead	0.6m mains lead	
Operating Temperature	-5°C ~ +50°C	
Size	106mm x 51mm x 38mm including fixing lugs	
Weight Kg	0.35	0.36
Packing	Individual carton. 40 per outer	
RoHS Compliance	RoHS Compliant. Exempt from WEEE/RoHS directive as at 15/03/07. Intended for professional use as part of a fixed installation only	

In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press.02/02/2011