



POWERHOUSE DISTRIBUTIONS

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Black Box Power Conditioner/Filterplug

DESCRIPTION:

The POWER CONDITIONER and FILTERPLUG combines both surge / transient suppression and EMI / RFI filtration. These high performance devices are designed for the protection of sensitive electronic / electrical equipment against transients transmitted via the mains lines. The units are available in configurations of one to five standard sockets or Powerite sockets (coded). As an option the unit may be ordered with graded filtration where two or more sockets are required. Guarded filtration will inhibit any feed back noise generated by equipment plugged into the BLACK BOX. e.g. Laser printers.

SPECIFICATIONS:

Normal Conditions

Voltage Rating (Max.) : 250V RMS
 Current Rating (BLACK BOX) : 10A, 15A, 20A & 30A
 Current Rating (FILTERBOX) : 10A
 Earth leakage current : <2mA

Transient/Surge Conditions

Voltage Withstand @ 1.2/50uS (Max.): >6kV
 Current Withstand @ 8/20uS (Max.) : >6kA
 Power rating per wire (Max.) : 140J
 Noise Attenuation (BLACK BOX) : ±100dB
 Noise Attenuation (FILTERPLUG) : ±45dB
 Clamping Voltage : 570V
 Response Time : <25ns



Black Box Models		Filter Plug Part Numbers	
BBPC/XX/PSY	Black Box Power Conditioner 10 or 15A fitted with 16A plug & socket, add G to the end of the part number for graded filtration	PCP/1	Plug with 1 x 16A socket
BBPC/XX/PSCY	Black Box Power Conditioner 10 or 15A fitted with 16A powerite (coded) Plug & Socket, add G to the end of the part number for graded filtration	PCP/3	Plug with 3 x 16A socket
BBPC/XX/FT	Black Box Power Conditioner 15, 20 or 30A feed through unit	PCP/5	Plug with 5 x 16A socket
*XX = current rating Y = No sockets required (1,3,5 available) **110V units available on request			