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
- 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
- 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
- BBPC/XX/FT - Black Box Power Conditioner 15, 20 or 30A feed through unit

Filter Plug Part Numbers
- PCP/1 - Plug with 1 x 16A socket
- PCP/3 - Plug with 3 x 16A socket
- PCP/5 - Plug with 5 x 16A socket

*XX = current rating Y = No sockets required (1,3,5 available) **110V units available on request