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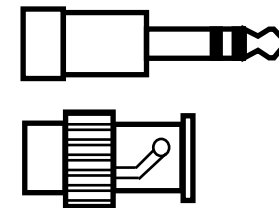
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18 Pin Multiway to Optimus

Male Phono Plug  
AC to measurement equipment

BNC and Jack Adaptor



## ZL:185 Optimus AC output cable, 18 way to Phono.

### Instructions:

- The ZL:185 is an AC out cable.
- To use AC out simply connect the multi-way connector of the ZL:185 cable to your Optimus and the phono plug to a measuring device. Depending on the measurement equipment you may need to use the adaptors provided.
- The Signal is on the pin of the phono and Ground is on the body .
- Ensure AC out is selected in the menu of the Optimus (see Optimus instuction manual).

### Electrical Ratings:

The AC output has four settings: a combination of High or Low levels and a 0 or +20dB amplifier.

Voltages and full scale levels are as follows:

High Levels (70-140dB):

0dB gain 1.3V pk-pk (450mV rms) at full scale 140dB

+20dB gain 1.7V pk-pk (600mV rms) at full scale 132dB

Low Levels (20-90dB):

0dB gain 400mV pk-pk (140mV rms) at full scale 90dB

+20dB gain 1.3V pk-pk (450mV rms) at full scale 90dB

The output is unweighted, i.e. Z-weighted.

AC output impedance is less than  $16\Omega$  in series with  $100\mu\text{F}$ .

Output is current limited to less than 50mA MAX.