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Find the *Keysight / Agilent 83400-60005* at our website: ***Click HERE***

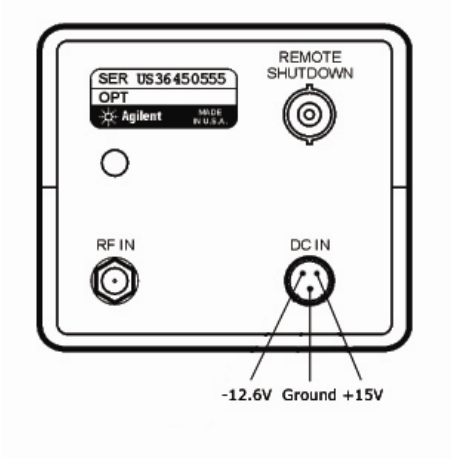
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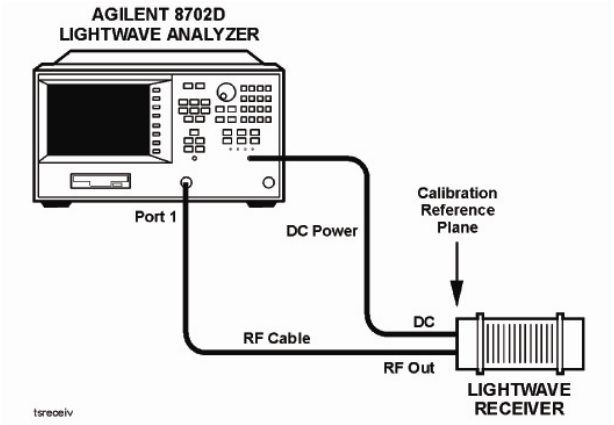
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# Artisan Scientific Technician's Report

## Agilent / HP 83400 Series Lightwave Receivers and Sources

Each 83400 module requires a DC power source. Here is the pin-out and the traditional setup. You can hook it up to an 8702x Lightwave Analyzer to provide power. The part number for the DC power cable is 83400-60005.




Or you can hook it up to a stand alone power supply, Agilent model 11899A Probe Power Supply. The power cable (83400-60005) will also work with the 11899A.



**Typical performance characteristics**

| | |
|---|---|
| **Power Output:** | –12.6 V ±6%, 350 mA and +15 V ±6%, 500 mA (male connectors) |
| **Power Input:** | 88 to 112 V, 50/60 Hz option 100<br>105 to 135 V, 50/60 Hz option 120<br>193 to 247 V, 50/60 Hz option 220<br>211 to 269 V, 50/60 Hz option 240 |
| **Dimensions:** | 81 mm wide, 65 mm high, 121 mm long (3.2 in x 2.6 in x 4.8 in) |
| **Weight:** | net 0.9 kg (2 lb); shipping 1.8 kg (4 lb) |

Or if you want to provide power via your own power supply, you will need the probe connector. The connector as shown to the right.

**TA-3F or (TA3F) Switchcraft connector, 3-pin Female, mini-XLR**

Connect the pins as shown in the picture above and provide the correct voltages.



Mouser: P/N 502-TA3F (mouser.com)
Allied: P/N 932-1200 (alliedelec.com)

Date: _9/24/2005_ Technician: _Matt Reichenbach__

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