

The serial port of the optical power meter is prone to disconnection



Overview

Using the wrong type of serial cable can easily lead to connection issues. Serial ports typically connect through 9-pin or 25-pin connectors, and the cable must match the port type on both devices. The optical probe attaches to the optical port on the front of the meter and allows on-site communications (for example, with a laptop computer). Additionally, RS-232 applications generally require either a “null-modem” or “straight-through”. Manuals and User Guides for Keysight N7745A Optical Power Meter. We have 2 Keysight N7745A Optical Power Meter manuals available for free PDF download: User Manual, Getting Started Manual Keysight N7745A Optical Power Meter Pdf User Manuals. Use straight cable to a switch, cross over for a direct meter-to-computer connection Can you Ping the meter?

What are the results?

IP Address conflicts?

(Meter does not support DHCP) Too many users?

Try: telnet <meter IP> Check diagnostics viewer from. We declare that the accompanying product, identified with the mark, complies with the requirements of the Electromagnetic Compatibility Directive, 2004/108/EC and the Low Voltage Directive 73/23/EEC. To operate correctly it is essential that both devices.

Article Content

Serial Port Troubleshooting: Common Problems and How to Solve

Re-installing the driver or updating it to a compatible version can often resolve these issues. Additionally, check that your serial port settings within the software align with those of the ...

Troubleshooting communications to meters | Schneider Electric USA

You should see the Tx light on the Computer modem and the Rx on the meter modem flash. If not, make sure the modems internal registers have the same settings (flow control, parity, ...

Communications overview

Be aware that an unexpected change of state of the digital outputs may result when the supply power to the meter is interrupted or after a meter firmware or template upgrade.

Operation, Maintenance & Calibration of Optical Power Meters

Learn how to operate, maintain, and calibrate GAO Tek's Optical Power Meters with detailed guidelines for accurate fiber optic measurements.

I am trying to setup a serial communication with a optical power meter ...

According to the user manual of the Newport Power Meter (91936-R) device, it has multiple "ECHO" modes. When the "ECHO" mode is enabled, all characters sent to the power meter ...

Serial Port Troubleshooting: Common Problems and ...

Re-installing the driver or updating it to a compatible version can ...

Serial Device Isolation & Grounding

As both the serial transmit and receive lines are connected through optical connections, no current can flow across the communication lines. The disadvantage of this approach is that optical isolation is ...

Model 1936/2936 Series Power Meters Manual

Provided that the power meter has been installed in an appropriate environment and its power cord is connected to a working electrical outlet, power-up the power meter by pressing the power button on ...

N7742C Optical Multiport Power Meter with Analog Output

Optical multiport power meter with 2 or 4 channels, analog outputs for linear or logarithmic feedback, and option to extend the wavelength range down to 800 nm. Offers fast power range switching and ...

Troubleshooting RS232: 5 Common Serial Port Problems

The most common cause of serial port communication problems is incorrect communication parameter settings. To operate correctly it is essential that both devices are set up with the same ...

Keysight N7745A Optical Power Meter Manuals

View online or download Keysight N7745A Optical Power Meter User Manual.

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