

How to connect the master device slave device and optical splitter



Summary of Content

To connect a master device, slave device, and optical splitter, configure the master first, link slave devices to it, and use the optical splitter to distribute signals to multiple endpoints.

Step 1: Configure the Master Device

- Set the device mode to Master using the device interface or SDK, ensuring it is ready to manage slave devices .
- Verify the master device IP or identifier is correctly displayed (often marked with an “M”).
- Ensure the master device supports the number of slave devices you plan to connect (RS-485 allows up to 31 devices, but practical limits may be lower depending on device type), .

Step 2: Connect and Configure Slave Devices

- Set each device mode to Slave. The slave device will send input to the master and display results from it .
- Use the master device interface to search for and add slave devices. Enable the connection for each slave. Once connected, the status updates automatically .
- Only register slaves once, but if the device gateway reconnects, you may need to reapply the slave configuration using the SDK commands `Connect.SetSlaveDevice` or `ConnectMaster.SetSlaveDevice` .

Article Content

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Cause There are two different configurations for wiring Master devices to slave devices. The two configurations are

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During configuration, the main modem needs to be configured with VLAN parameters and multicast functions, while the sub-modems

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It is a passive optical device with many input and output terminals, especially applicable to PON (EPON, GPON,

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Move a mouse cursor to the master device, and do a right click. Slave devices are searched and shown on the list,

Connecting multiple masters to one slave

It's a 2-port RS-485 device, and supports Modbus master, slave and sniffer drivers. The sniffer driver is non-invasive

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Knowing how split connections work helps avoid dead zones and dropped signals. Learning how devices share a

Modbus Splitter. How to split Modbus data between several apps?

Common problem Software Modbus splitter How to split Modbus data over virtual COM ports Key features of the solution What is

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The Slave device is not making a device match. It is just sending the credential input to a Master device, receiving the

Coupler and Splitter Overview. It is generally accepted

Definition of Splitters Fiber optic splitter is a device that splits the fiber optic light into several

What is an Optical Splitter? The Ultimate Guide to Fiber Optic Splitters

Introduction Fiber optic networks connect the world. They carry data at the speed of light. But have you ever wondered

FTTR Fiber to the Room Complete Guide | Langzhi Technology

Learn about FTTR whole-home fiber optic networking. Master ONT, slave ONT, optical splitter configuration, and fiber

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