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2U RACKMOUNT RJ45 MODEM SPLITTER

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1. Specifications

Power

Non-powered - no power supply required

Size

19"W x 2.25"D x 3.47"H

Weight

5.0 lbs.

Connectors

16 modem splitters per rack. each modem splitter has:

- (1) single style RJ45 socket connector - (MASTER)
- (1) quad style RJ45 connector - (PORT 1 - 4)

Leads Supported

Pins 3, 4, 5, 7, and 8 connected straight thru between the MASTER and PORT 1 - 4.
Pins 1, 2, and 6 "diode ORed" from PORT 1 - 4 to the MASTER port.

2. Introduction

The 2U Rackmount RJ45 Modem Splitter consists of a 2U high, 19 inch rackmount chassis containing sixteen individual RJ45 modem splitters. Each independent modem splitter is designed to allow up to 4 terminals to share a single modem. Each modem splitter is a passive, non-powered device and is transparent to data formats and speeds. Data received from the modem is transmitted to all the terminal devices attached to that modem splitter. Only one terminal device may send data to the modem at a time. If more than one terminal device sends data at the same time, the data to that modem will be corrupted. The MASTER port is intended to be connected to a DCE device such as a modem using an RJ45 straight thru cable and the appropriate RJ/DB adapter. All other ports, labeled PORT 1 through PORT 4, are intended to be connected to DTE terminal devices. When connected as intended, there is no need for cross over cables.

3. Installation

There are no user configurable settings in the 2U Rackmount RJ45 Modem Splitter. Simply connect the modem and terminal devices to each RJ45 modem splitter and then power up your modems and terminals as normal.

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