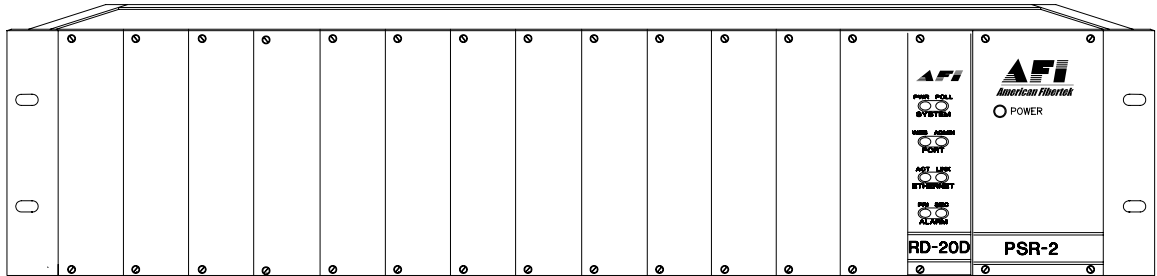
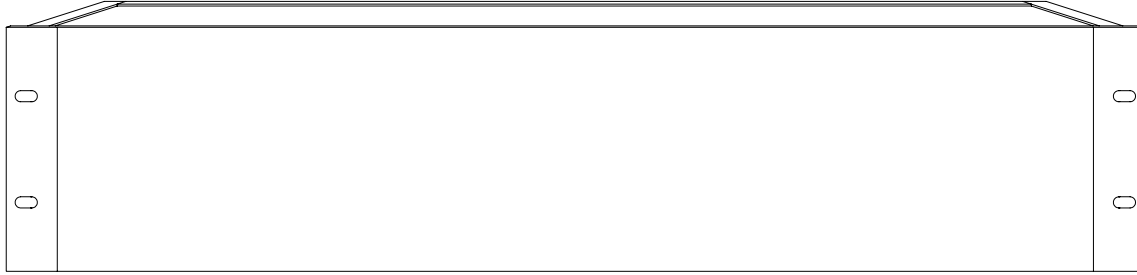




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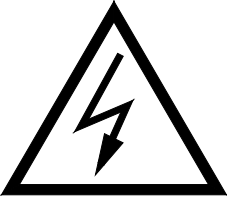



Instruction Manual

SR-20D

Sub Rack

With Diagnostic Interface

	<div style="border: 2px solid black; padding: 5px; display: inline-block;">CAUTION</div> RISK OF ELECTRIC SHOCK, DO NOT OPEN WITH POWER APPLIED	
<p>WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE</p> <p>NO USER SERVICEABLE PARTS INSIDE REFER SERVICE TO QUALIFIED SERVICE PERSONNEL</p>		

Specifications SR-20D		
Plug-in Cards	SR-20D	13
Size		19" x 5 ¼" x 9"
Weight		4 ½ lbs.

INSTALLATION AND OPERATION INSTRUCTIONS

INTRODUCTION

Thank you for purchasing your American Fibertek SR-20D sub-rack with diagnostic interface. Please take a few minutes to read these installation instructions in order to obtain the maximum performance from this product.

FUNCTIONAL DESCRIPTION

The SR-20D sub-rack is a standard 19" x 5.25" frame designed to accommodate up to thirteen fiber optic plug-in cards along with a RD-20D diagnostic card and a PSR-2 power supply. The SR-20D has a built in capability to be remotely monitored through the AFINETY Remote Diagnostics System. A RD-20D diagnostic card is required to facilitate this feature. Please refer to the RD-20D Instruction Manual for proper operation of this feature.

SYSTEM COMPATIBILITY

Any plug in card with the model number beginning with the letter "R" can be inserted into any of the thirteen application slots on the left-hand side of the SR-20D.

INSTALLATION

THIS INSTALLATION OF THIS UNIT SHOULD BE MADE BY A QUALIFIED SERVICE PERSON(S) AND MUST CONFORM TO ALL LOCAL CODES.

The SR-20D may be mounted, using standard hardware, in an upright position, with the backplane upward, inside a standard 19" EIA rack cabinet. It is important, as with any electronic equipment, to provide sufficient airflow to prevent over heating in the cabinet. At least 1 3/4" (1RU) of space should be allowed above and below the SR-20D to provide air flow. If more than one SR-20D racks are installed, forced airflow may be necessary depending upon the number of plug-in cards used in the over-all installation. It is necessary to add a 1RU fan unit at the top of every three SR-20D sub-racks with 1RU spacing between them.

The far right hand position of the SR-20D is only compatible with a PSR-2 series plug in power supply. Please refer to PSR-2 instruction manual for further information. The RD-20D should be inserted in the slot immediately to the left of the power supply. Insert the card all the way until the edge fingers meet the internal bus connector and the front panel is even with the front of the sub-rack. Then secure the ¼ turn fasteners by pushing with a small screwdriver, turning the screw 90 degrees clockwise and releasing pressure. All remaining applications cards are inserted in a similar manner. Any card may be used in any open slot.

LIFETIME WARRANTY INFORMATION

American Fibertek, Inc warrants that at the time of delivery the products delivered will be free of defects in materials and workmanship. Defective products will be repaired or replaced at the exclusive option of American Fibertek. A Return Material Authorization (RMA) number is required to send the products back in case of return. All returns must be shipped prepaid. This warranty is void if the products have been tampered with. This warranty shall be construed in accordance with New Jersey law and the courts of New Jersey shall have exclusive jurisdiction over this contract. **EXCEPT FOR THE FOREGOING WARRANTY, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, WHICH EXTENDS BEYOND THE WARRANTY SET FORTH IN THIS AGREEMENT.** In any event, American Fibertek will not be responsible or liable for contingent, consequential, or incidental damages. No agreement or understanding, expressed or implied, except as set forth in this warranty, will be binding upon American Fibertek unless in writing, signed by a duly authorized officer of American Fibertek.

SERVICE INFORMATION

There are no user serviceable parts inside the unit.

In the event that service is required to this unit, please direct all inquiries to:

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