



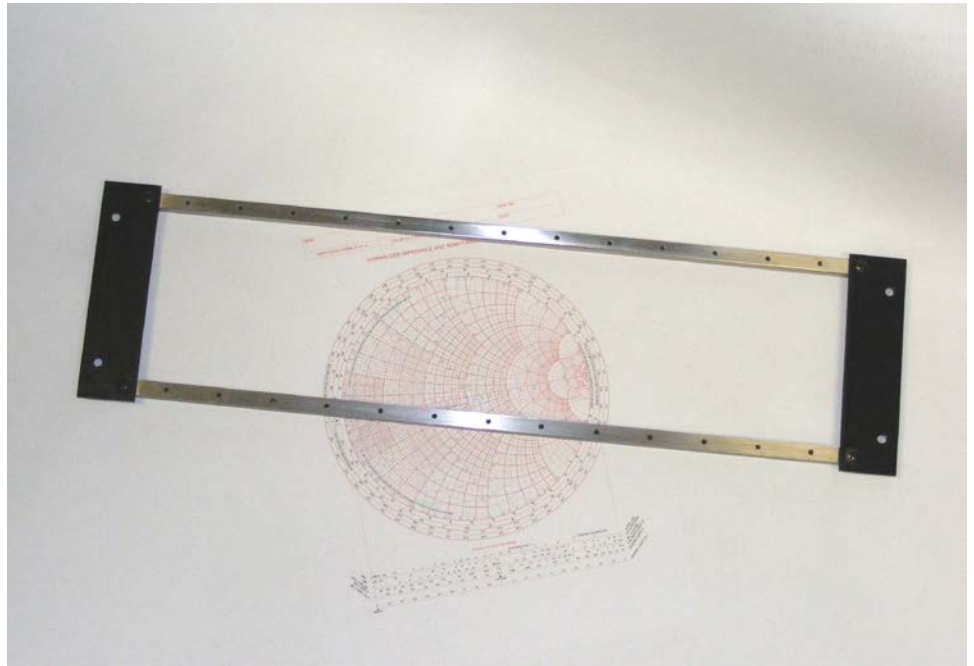
MULTI-FUNCTION MODULE SERIES

Applied Instruments has been manufacturing RF test and measurement equipment since 1986. Since then, the need for performing certain RF functions has surfaced again and again within our product designs. Not long ago, we began to address those needs by designing several basic modules for internal use. Having found them so useful, we've decided to make these robust and flexible modules available to our customers. We believe they may fill a niche for your RF testing requirements as well.

There are several modules that can be mounted in the sub-rack detailed in this datasheet. These include a family of fully compatible modules which perform a variety of RF functions that you can use to put together a system of your own. Several are available to choose from.



RFC-RM Accessory - 19" Sub-Rack



The **RFC-RM** is an accessory designed specifically for the **RF Cogs™** module series. Up to thirteen modules can be mounted into this sub-rack. The populated sub-rack can be readily mounted to a standard 19" equipment rack. The sub-rack and modules together occupy a 3U high space*.

A typical system used with this sub-rack will consist of one interface module and one or more other **RF Cogs™** modules. Please note that if there are not enough modules to completely fill the sub-rack, there are blank front panels of varying widths that are available to fill the gaps. Additionally, if more than thirteen modules are required for a system, multiple sub-racks can be readily employed as needed.

The stainless steel members used in this sub-rack give it strength and structural integrity that should last many years.

There are other options available for mounting the **RF Cogs™** modules as well. See the individual data sheets for details.

*Please note that, in general, the cables which connect to the **RF Cogs™** modules will extend above and below the 3U space occupied by this sub-rack. Depending on the application, it may be desirable to add 19" filler plates to the rack.

APPLICATIONS

- For use in rack mounting modules from the RF Cogs™ series from Applied Instruments, Inc.
- Can be used to mount other pieces of test gear that the user may be able to use it with

INCLUDED IN THE RFC-RM PACKAGE

- RFC-RM Sub-rack
- User/Data Sheet
- Mounting screws

OPTIONAL ACCESSORIES

- Blank rack filler panel, 3RU height, single module width (model RFC-BP1)
- Blank rack filler panel, 3RU height, five modules width (model RFC-BP5)

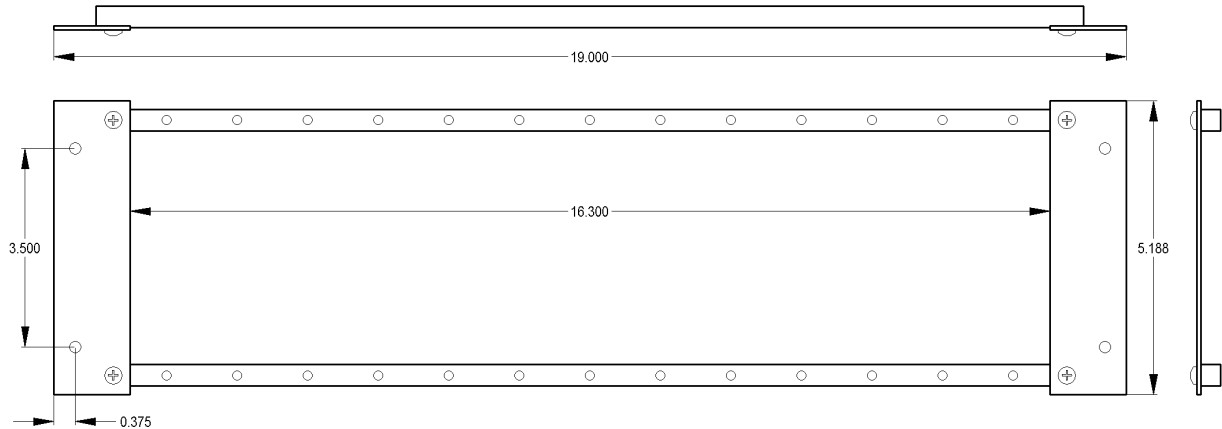
SPECIFICATIONS

MECHANICAL

SIZE	See drawing
WEIGHT	1.6 lbs.
FINISH	Painted end plates, stainless steel cross bars
MOUNTING	Standard 19" equipment rack using four #10-32 screws

ENVIRONMENTAL

Storage Temp: -65 °C to +125 °C



Warranty

Warranted for a period of one year against defects in material and workmanship

Other products offered by Applied Instruments

Satellite Meters	CATV/Off-Air Meters
CW Test Signal Generators	Noise Power Ratio Test Sets
RF Noise Generators	RF Signal Monitors/Switches

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