



## 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.

The cables of the type detailed here are used to interconnect RF Cogs™ modules. They distribute the power and control signals from one module to the next one in the chain.

Note that these cables are available in several lengths allowing you to choose the best ones for your particular configuration.

## RFC-CBLxx Accessory – I<sup>2</sup>C/Power Cable



The **RFC-CBLxx** is a cable assembly made available as an accessory intended for use with the **RF Cogs™** module series.

Each **RF Cogs™** module is shipped with a cable that is satisfactory for use in many of the most common situations, but there are cases where a cable of a different length is called for. These accessory cables are offered to address that need.

The connectors on these cables mate with the connectors on the modules, distributing the DC power, I<sup>2</sup>C, and other signals as needed to make the modules function. Because these cable assemblies use the same connector on each end, it is impossible to connect them backwards.

In order to ensure against unintentional disconnection, the connectors automatically latch into place when inserted. They are easily released when desired by pressing a thumb-actuated button.

All of our cables are very well shielded and quite durable.

## APPLICATIONS

- For use in interconnecting RF Cogs™ modules from Applied Instruments, Inc.
- Can be used to interconnect Interface Modules to function modules or function modules to other function modules.

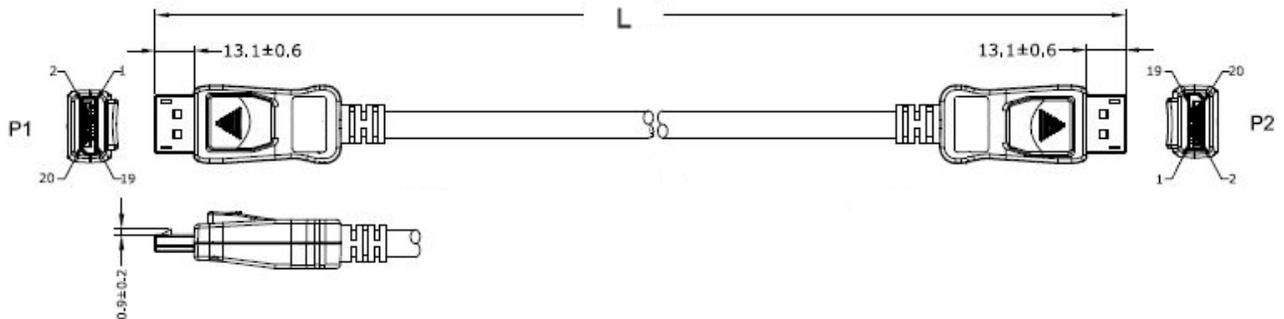
## SPECIFICATIONS

### MECHANICAL

SIZE	See drawing	
LENGTH	12" (same as packed with modules)	P/N RFC-CBL12
	1 meter	P/N RFC-CBL36
	2 meters	P/N RFC-CBL72
CONNECTORS	20-pin and shield	
CABLE	Shielded	

### 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

## **APPLIED INSTRUMENTS, INC.**

*Focused on providing the best valued test equipment that meets or exceeds customer expectations.*

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*Applied Instruments takes pride in providing information and technical support to customers when they need it.*