

- **Flexible Modular System**
- **Up to 40 GHz Operation**
- **Hot-Swappable Modules**
- **Dual Redundant Power Supplies**
- **Optional Communications Module with GUI**
- **Custom Modules**



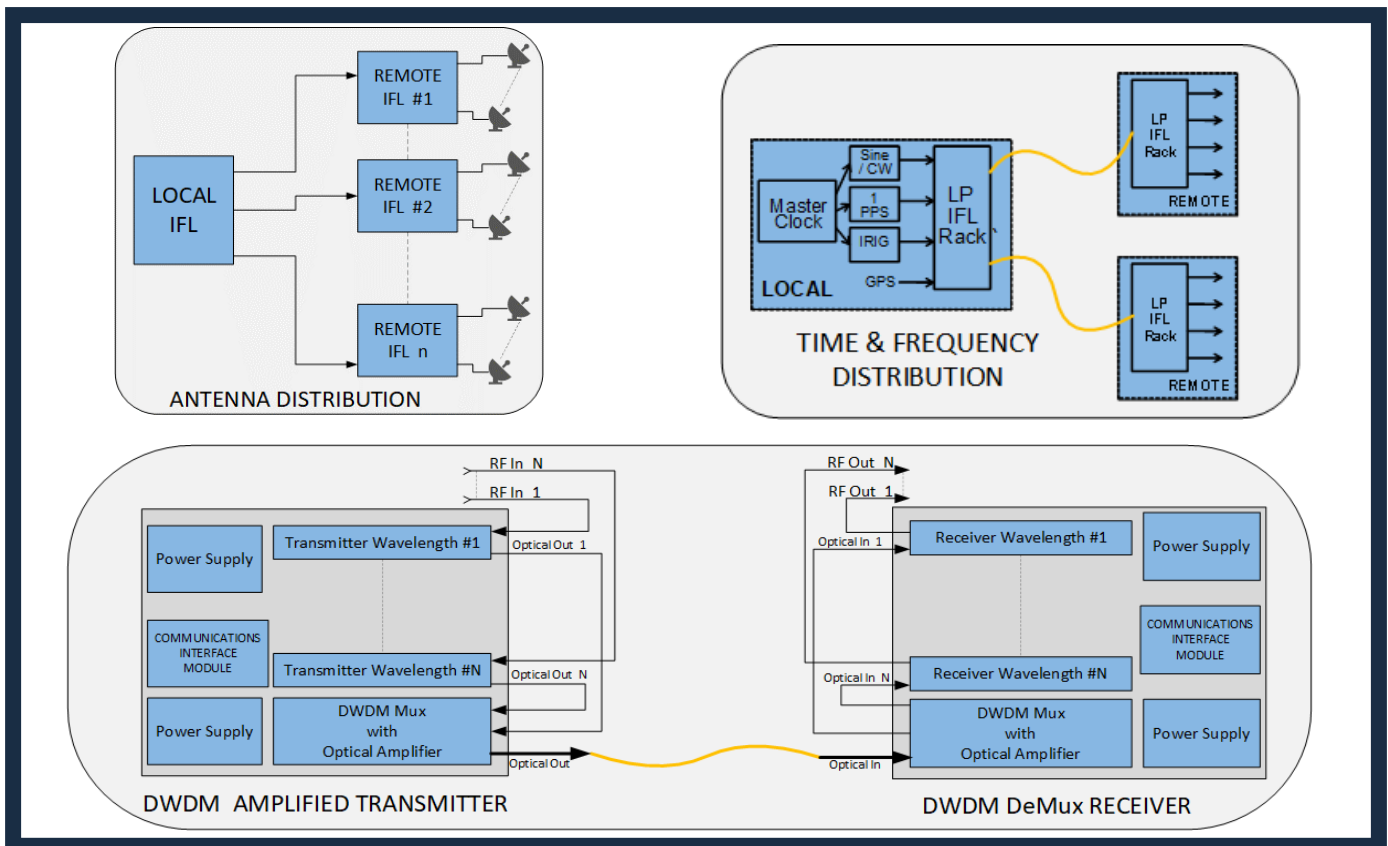
- **Broadband Communications**
- **Antenna Remoting**
- **Sensor Systems**
- **Radar Systems**

Linear Photonics' IFL Rack Subsystems provide high density, high reliability, interchangeable interfacility communications links in a standard 1RU chassis. Applications include Signal and Antenna Distribution, Communications, Radar, Testing, Campus networking, Precision Time and Frequency Distribution, Delay Lines, and Information Processing.

The 1RU Chassis allows any mix of up to six single-wide or three double-wide plug-in modules, with frequency range options up to 40 GHz. The Chassis features dual-redundant power supplies (AC and DC options), and an optional Communications Interface Module (CIM) that provides data communications and a Graphical User Interface. All link modules are hot-swappable for plug-and-play operation.

Linear Photonics offers a wide variety of active and passive plug-in modules, including RF-to-Fiber Optic Transmitters and Receivers, RF Mux and DeMux modules, Fiber Optic CWDM and DWDM modules, RF Low Noise amplifier modules, Erbium Doped Fiber Amplifier (EDFA) modules, and Customized modules configured with any RF and Fiber components required to meet your specific needs.

IFL Rack 1RU Chassis Specifications	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to +70°C
Dimensions w x l x h inch(cm)	18.9 x 18.75 x 1.7 (7.5 x 7.4 x 1.7)
Capacity	6 single-wide slots
AC Input	95 - 260 V 50/60 Hz 2 A fused
AC Line Fuse	5x20 mm 2A T-LAG
Power Supply Front Panel Status Indicators	RED=ALARM, GREEN=OK, OFF= Unused
Power	55 Watts at full rack capacity
Empty Weight	12 lbs including dual power supplies



IFL 1RU CHASSIS

ORDERING INFORMATION

Part Number	Description
IFL-RACK	1RU Rack Chassis
IFL-RACK-PS	1RU Rack Chassis with Dual Power Supplies
IFL-RACK-PS1	1RU Rack Chassis with One Power Supply
IFL-RACK-PS-C	1RU Rack Chassis with Dual Power Supplies and Communications Interface Module
IFL-Rack-PS1-C	1RU Rack Chassis with 1 Power Supply and Communications Interface Module
IFL-PS	AC Power Supply Module
IFL-PS-DC	DC Power Supply Module (18VDC - 72V DC)
IFL-CIM	Communications Interface Module
IFL-PS-BP	Power Supply Blank Panel*
IFL-CIM-BP	Communications Interface Blank Panel*
IFL-SW-BP	Single-Wide Blank Panel*
IFL-DW-BP	Double-Wide Blank Panel*

*Blank Panel Required for any Unoccupied Module Position

