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OPHIR_{RF} Systems Options

CONNECTORS

Type N Female connectors are integrated in most of the OPHIR_{RF} amplifier systems (unless otherwise specified by customer). Please specify “F” for Front connector or “R” for Rear connector.

FRONT PANEL CONTROLLER

“E” indicates pricing includes amplifier + IEEE-488 or RS-232 Interface

Functions include (in an all-inclusive package):

- Standby mode and rear panel IEEE-488 or RS-232 HPIB Interface
- Front panel digital display
- Forward and reverse power readings
- Gain adjustment
- ALC on/off
- Fault indication

ETHERNET

“T” indicates pricing includes amplifier + IEEE-488 or RS-232 Interface + Ethernet Connectivity (must have IEEE-488 or RS-232 for Ethernet).

The Ethernet Interface is an independent microprocessor-based embedded computer internal to the RF Amplifier that regularly polls the front-panel controller for information. That information is stored and served up to the user upon request, and incoming commands from the user are parsed and passed on to the front panel controller. The Ethernet Interface can be reset independently via the rear-panel pushbutton without disrupting the operation of the RF Amplifier itself.

The following amplifier functions are accessible via the Ethernet Interface:

- Amplification Mode: Fixed Gain (VVA) or Automatic Level Control (ALC)
- VVA and/or ALC Level Set
- Output Mode: Online or Standby
- Forward and Reverse/Reflected RF Output Power
- VSWR Alarm Threshold
- Faults: High Temperature, High VSWR, ALC Out-Of-Range