

## Digital Data Link 10W Linear Amplifier

The DDL Amplifier is a 10W 2.4 GHz linear amplifier, designed for Digital Data Link applications. The DDL Amplifier offers a compact, rugged design, featuring high speed automatic Tx/Rx switching.

### Features

- Rx Band-pass filtering
- Automatic Tx/Rx switching
- External Tx-Rx triggering, if required
- Overvoltage protection on all ports
- Tx/Rx LEDs
- Light weight
- Compact & rugged design



### Applications

- Increase the range of pDDL & IPnDDL transceivers

**COTS - No Export Permit Required**

### Specifications

<b>Frequency</b>	2.4 GHz		<b>Rx/Tx Switching</b>	1 $\mu$ s Typical
<b>Tx Power Gain</b>	10-11 dB Typical		<b>Impedance</b>	50 $\Omega$
<b>Tx O/P Power</b>	<u>Modulation</u>	<u>Power</u>	<b>DC Supply Voltage</b>	24-30 VDC
	P1dB	>25W	<b>Connectors</b>	Female SMA (RF in, RF out) Female Circular Bayonet 3pin (DC Power)
	QAM 64	8W	<b>Weight</b>	Approx. 275g
	QAM 16	10W	<b>Dimensions</b>	Approx. 3.3" x 3.0" x 0.95" (85mm x 75mm x 24mm) Approx. 4.1" x 3.4" x 0.95" (Inc. Connectors)
<b>Rx Gain</b>	5 dB $\pm$ 1 dB			

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