

DDL1650 Amplifier



Digital Data Link - 10W Linear Amplifier

The DDL1650 Amplifier is a 10W, 1625 to 2300 MHz linear amplifier, designed for Microhard Digital Data Link applications. The DDL1650 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



COTS - No Export Permit Required

Specifications

Frequency Band	1625 to 2300 MHz		Rx/Tx Switching	1 μ s Typical
Tx Power Gain	10-11 dB Typical		Impedance	50 Ω
Tx O/P Power	<u>Modulation</u>	<u>Power</u>	DC Supply Voltage	24-30 VDC
	P1dB	>25W	Connectors	Female SMA (RF in, RF out) Female Circular Bayonet 3pin (DC Power)
	QAM 64	8W	Weight	Approx. 275g
	QAM 16	10W	Dimensions	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)
QPSK	13W			
Rx Gain	10 dB \pm 1 dB			

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