

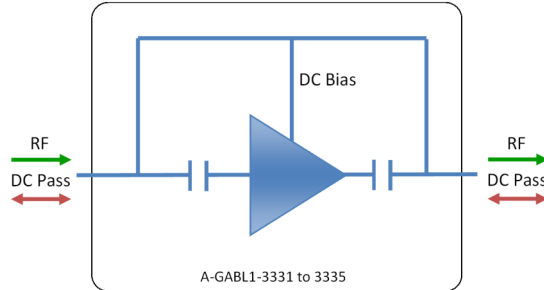


Model Number:
ODU-3333

RF Components

IP65 ODU Fixed Gain Amplifier

850-2150MHz



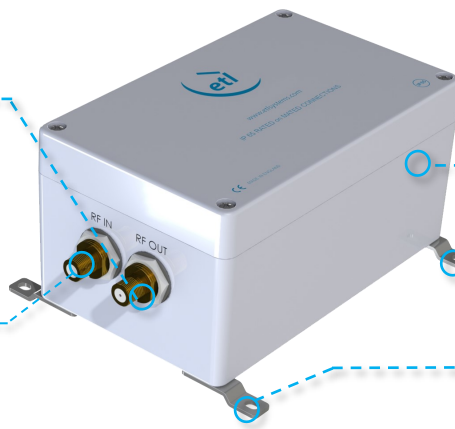
- 20dB gain
 - Requires 8-24V on RF Cable
 - DC pass
- Available with RF connector options:
- 50 Ω SMA
 - 50 Ω N-type

8-24V
Inline DC powering

Compact
Housed in rugged compact IP65 enclosure*

Flexible Mounting
Tapped screw & through hole mounting options

850-2150 MHz
Operating frequency range.



RF Parameters		
ODU-3333	S5S5	N5N5
Frequency Range	850 - 2150 MHz	
RF Connectors	50Ω SMA	50Ω N-Type
Mean Gain (dB)	9.0 ± 1.0	9.0 ± 1.0
Flatness (dB)	± 1.0	± 1.0
Input Return Loss (dB)	Typ.	22
	Min.	14
Output Return Loss (dB)	Typ.	20
	Min.	12
Output P1dB GCP** (dB)	Typ.	3
	Min.	-1
Output IP3 (dBm)	Typ.	13
Noise Figure (dB)	Typ.	15

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





RF Components

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ODU-3333
IP65 ODU Fixed Gain Amplifier

Environmental		
Operating Temperature		0°C to +45°C
Storage Temperature		-20°C to +75°C
Location		Indoor / Outdoor IP65* Use
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	+16 dBm (40 mW)
DC Voltage	35 V on any RF port
DC Current	750 mA Max
DC Consumption	200 mA Max typ 160 mA

*IP65 integrity is maintained by populating all ports with sufficiently rated connectors and that unused ports have IP65 terminators or dust caps when awaiting connection. Dust caps are not sold with this product.

! Operation beyond these limits may cause instantaneous and permanent damage.

Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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