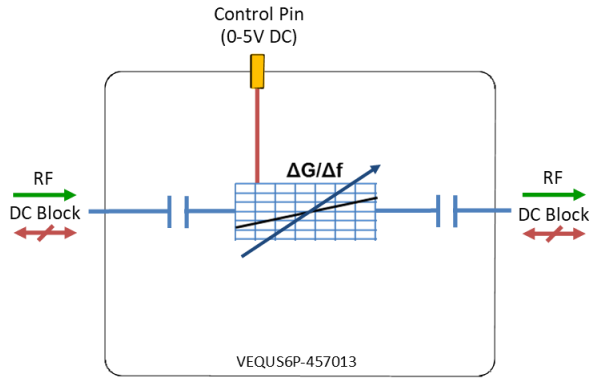
RF Components

Model Number: VEQUS6P-457013

S-band Variable Positive Slope Equaliser

850-3150 MHz



- Reciprocal device
- DC block between the 2 ports
- 0-10 dB positive slope tuning range
- Voltage variable - continuous tuning within range

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type
- 50 Ω BNC
- 75 Ω BNC
- 75 Ω F-type

0-5V
Voltage variable slope control

Compact
Housed in rugged compact enclosure

Flexible Mounting
Tapped screw & through hole mounting options

850-3150 MHz
Operating frequency range. C-Band ready

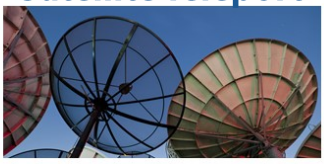
RF Parameters						
VEQUS6P-457013		S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range		850-3150 MHz				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Insertion Loss* (dB)	Typ. Max	8.5 10.0	8.5 10.0	9.0 10.5	9.5 11.0	9.5 11.0
Flatness* (dB)	Typ.	±0.3	±0.3	±0.4	±0.4	±0.4
Positive Slope Range (dB)	Min	0-10	0-10	0-10	0-10	0-10
Return Loss (dB)	Min	10*	10*	10*	8*	8*
	Min	6**	6**	6**	5**	5**
Input P1dB* (dBm)	Typ.	+23	+23	+23	+23	+23
* at 0dB slope setting ** at 10dB slope setting						

Broadcast

Marine Oil & Gas

SNG & VSAT

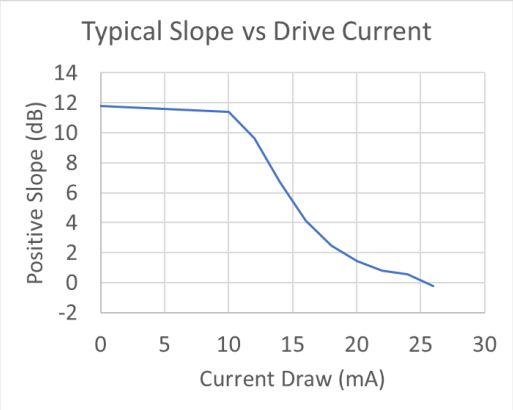
Satellite Teleport

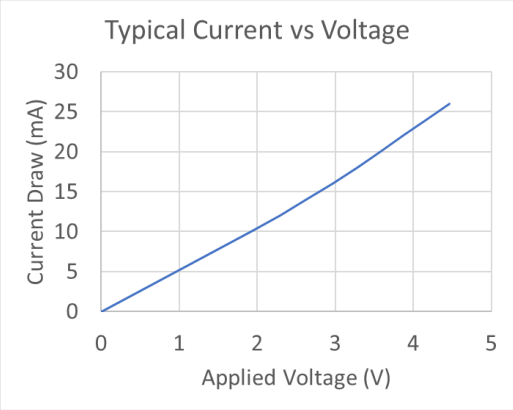


RF Components

Model Number:
VEQUS6P-457013
S-band Variable Slope Equaliser

Typical Performance Data





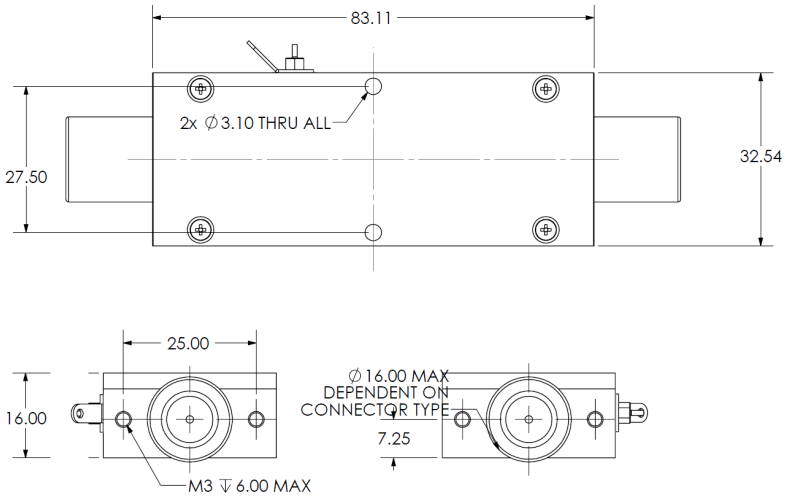
Technical specifications and operating parameters

Environmental		
Operating Temperature		-30˚C to +60˚C
Storage Temperature		-45˚C to +75˚C
Location		Indoor Use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	+25dBm
DC Voltage on RF Ports	35 V
DC Voltage on Control Pin	0-5V
Control Pin Current	50mA

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

Physical Dimensions (mm)



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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