



Model Number:
CST-POE-SW02-1059

RF Components

2-Way L-Band Smart Switch

Smart Component switch with power & remote control via Ethernet port.

- Max 3dB insertion loss
- Power & remote control via RJ45 Ethernet port.
- Switching of 2-way switch path via Web browser, SNMP & TCP/IP..
- Use for either 1x2 or 2x1 switching.
- Local switch path indicated by status LED.

Available with RF connector options:

- 50 Ω SMA
- 50 Ω BNC



Mounting Options

Thru hole mount or tapped holes for chassis mount.

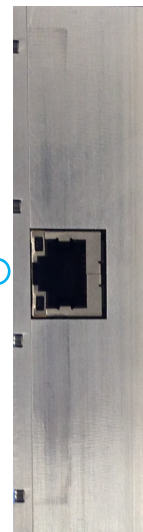


850 - 2150 MHz
operating frequency range.



Compact

housed in a rugged compact enclosure



Local Monitoring

via status LED showing Switch path.



Remote control & Power

via RJ45 Ethernet port .

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





RF Components

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Technical Specifications

RF Parameters			
Frequency Range (MHz)		850 - 2150	
Capacity		1 x 2 or 2 x 1	
Insertion Loss (dB)		Max	3.0
Isolation (dB)	I/P-O/P		65
	I/P-I/P		70
Flatness (dB)		±0.5	
Spurious (dBm)	In band	Max Typ	<-95 <-105
	Out of band (10MHz - 3 GHz)	Max	<-80 10 MHz—3 GHz
Input Return Loss (dB)		Typ Min	20 14
Output Return Loss (dB)		Typ Min	20 14

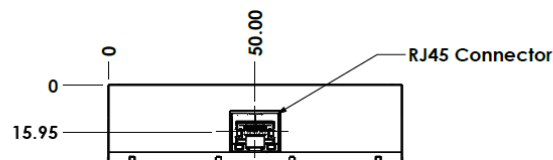
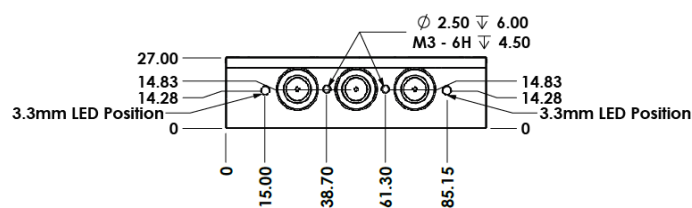
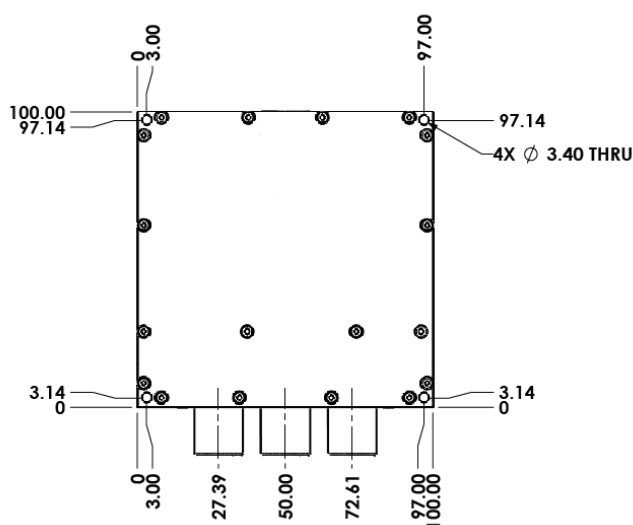
System Control	
Remote Control	Ethernet (RJ45) Web Browser, SNMP & TCP/IP
Display	LED Switch path indicator

Physical	
Input Connector	SMA
Input Impedance	50 Ω
Output Connector	SMA
Output Impedance	50 Ω

Operating Parameters

Environmental	
Operating Temperature (°C)	0 to +45
Storage Temperature (°C)	-20 to +75
Location	Indoor Use Only
Humidity	85% non-condensing
Altitude	3,000m (~10,000ft) Above Mean Sea Level

Max Operating Parameters	
Input RF Power	+10 dBm (10mW) Max
DC Power	PoE 802.3af Compliant (44-57V)
Power consumption	6W max



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

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