



Model Number:
CST-POE-SW02-1059

RF Components

2-Way Broadband Smart Switch

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

- 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.

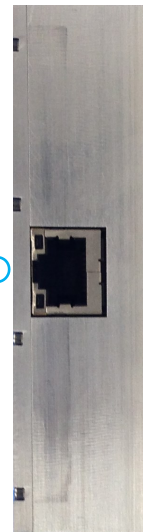


100MHz - 3GHz
operating frequency range.



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

Model Number:
CST-POE-SW02-1059
2-Way Broadband Smart Switch

Technical Specifications

RF Parameters		
Frequency Range (MHz)	100 - 3000	
Capacity	1 x 2 or 2 x 1	
Insertion Loss (dB) (Max)	100 MHz	1.8
	1500 MHz	2.6
	3000 MHz	3.5
Isolation (dB)	I/P-O/P	65
	I/P-I/P	70
Spurious (dBm)	In band Max Typ	<-95 <-105
	Out of band (100 kHz - 6 GHz) Max	<-80 100 kHz - 6 GHz
Return Loss (dB) (Max)	100 -2000 MHz	14
	2000-3000 MHz	8

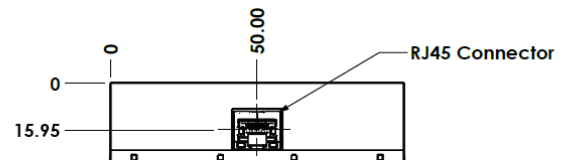
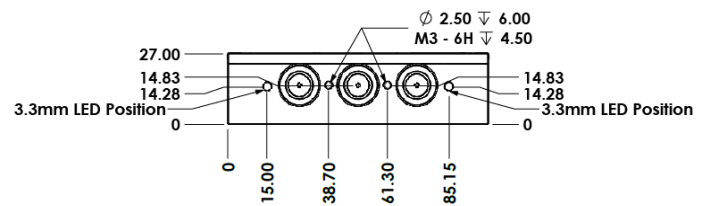
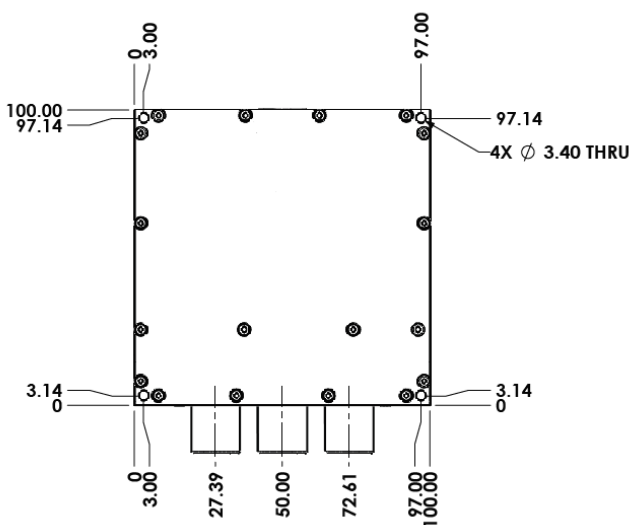
System Control	
Remote Control	Ethernet (RJ45) Web Browser, SNMP & TCP/IP
Display	LED Switch path indicator

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)	-40 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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