



Model Number:
CST-POE-SW04-1082

RF Components

4-Way Broadband Smart Switch

50 - 3000 MHz


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

- Max 3dB insertion loss
- Power & remote control via RJ45 Ethernet port.
- Switching of 4-way switch path via Web browser, SNMP & TCP/IP..
- Use for either 1x4 or 4x1 switching.
- Local switch path indicated by status LED.

Available with RF connector options:


- 50 Ω SMA

Switch

 **Mounting Options**
Thru hole mount or tapped holes for chassis mount.

 **50 - 3000 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

Model Number:
CST-POE-SW04-1082
4-Way Broadband Smart Switch

Technical specifications and operating parameters

RF Parameters (Preliminary)			
Frequency Range (MHz)		50 - 3000	
Capacity		1 x 4 or 4 x 1	
Insertion Loss (dB)		Max	5.0
Isolation (dB)	50-2150MHz	I/P-O/P Min	60
		I/P-I/P Min	60
	2151-3000MHz	I/P-O/P Min	50
		I/P-I/P Min	50
Flatness (dB)		±0.75	
Spurious (dBm)	In band	Max Typ	<-95 <-105
	Out of band	Max	<-80
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

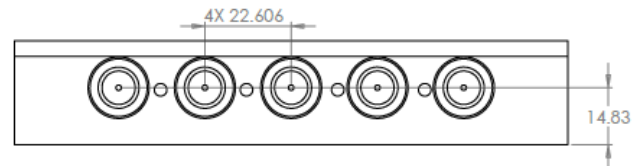
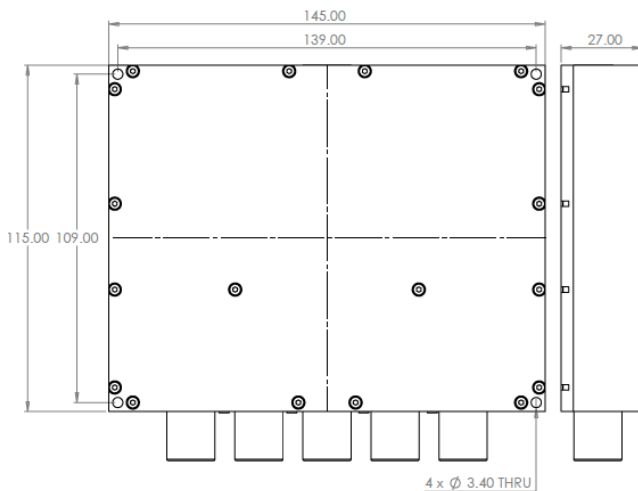
Physical	
Input Connector	SMA
Input Impedance	50 Ω
Output Connector	SMA
Output Impedance	50 Ω

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

Operation beyond these limits may cause instantaneous and permanent damage.

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

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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