



RF Components

Model Number:
CST-POE-SW04-1082

4-Way L-Band Smart Switch

850 - 2150 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

 **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

Model Number: **CST-POE-SW04-1082** 4-Way L-Band Smart Switch

Technical specifications and operating parameters

RF Parameters (Preliminary)			
Frequency Range (MHz)		850 - 2150	
Capacity		1 x 4 or 4 x 1	
Insertion Loss (dB)		Max	5.0
Isolation (dB)	I/P-O/P	Min	60
	I/P-I/P	Min	60
Flatness (dB)		±0.75	
Spurious (dBm)	In band	Max Typ	<-95 <-105
	Out of band (10MHz - 3 GHz)	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

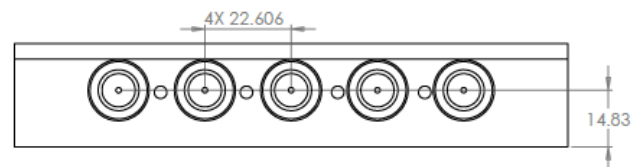
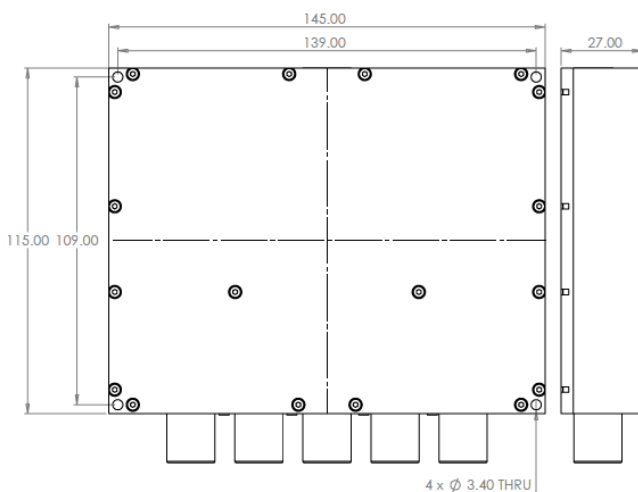
Physical	
Input Connector	SMA
Input Impedance	50 Ω
Output Connector	SMA
Output Impedance	50 Ω

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

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

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.

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

