

Configurations and Ordering Information

Model EC1S

The Epsilon Clock Model EC1S provides one each 1PPS and 10MHz signals. Other models are configured to supply additional output (or input) signals on two auxiliary ports (AUX1 and AUX2) as shown below. These models use 19-36 VDC input power. 10-18 VDC or 37-72 VDC are available upon request.

Model	AUX 1	AUX 2
EC1S-SO	none	none
EC1S-SO-011	1PPS output	10 MHz output
EC1S-SO-012	10 MHz output	10 MHz output
EC1S-SO-013	1PPS output	1PPS output
EC1S-SO-2MHz	2 MHz input	2 MHz output
EC1S-SO-50MHz	2 MHz input	adjustable frequency output

Model EC1S-SO-011 10 MHz and 1PPS Additional Outputs

Description

This option provides one (1) additional 10 MHz frequency and one (1) additional 1PPS outputs on AUX1 & AUX2 connectors.

Main Features

Connector: AUX1 on front panel

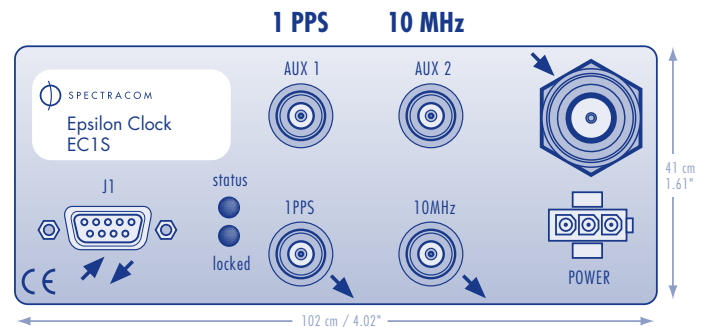
- SMA Female Pin settings
- Core: Periodic Pulse
- Ground: Electrical ground of the clock

Other characteristics are similar to 1PPS output defined in Epsilon Clock, Model EC1S, User's Manual.

Connector: AUX2 on front panel

- SMA Female Pin settings
- Core: Sine wave signal
- Ground: Electrical ground of the clock

Other characteristics are similar to 10 MHz output defined in Epsilon Clock, Model EC1S, User's Manual.



Model EC1S-SO-012 2 X 10 MHz Additional Outputs

Description

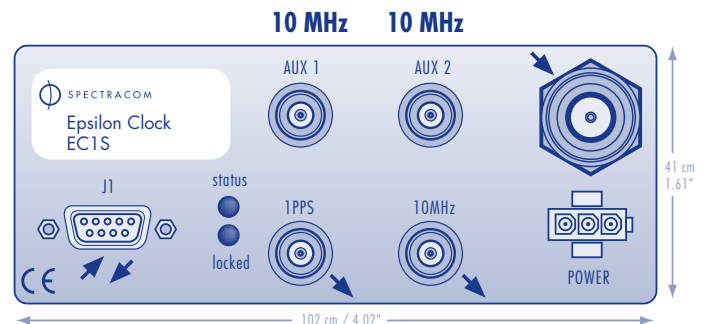
This option provides two (2) additional 10 MHz frequency outputs on AUX1 & AUX2 connectors.

Main Features

Connectors: AUX1 and AUX2 on front panel

- SMA Female Pin settings
- Core: Sine wave signal
- Ground: Electrical ground of the clock

Other characteristics are similar to 10 MHz output defined in Epsilon Clock, Model EC1S, User's Manual.



Model EC1S-SO-013 2 X 1PPS Additional Outputs

Description

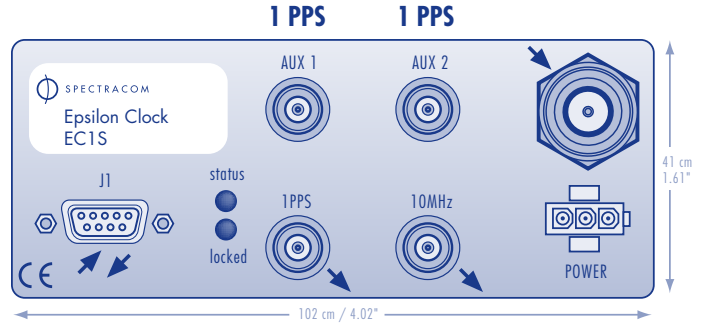
This option provides two (2) additional 1PPS outputs on AUX1 & AUX2 connectors.

Main Features

Connectors: AUX1 and AUX2 on front panel

- SMA Female Pin settings
- Core: Periodic Pulse
- Ground: Electrical ground of the clock

Other characteristics are similar to 1PPS output defined in Epsilon Clock, Model EC1S, User's Manual.



Model EC1S-SO-2MHz 2.048 MHz Additional Input and 2.048 MHz Additional Output

Description

This option provides one (1) 2.048 MHz frequency input and one (1) 2.048 MHz output on AUX1 & AUX2 connectors.

Main Features

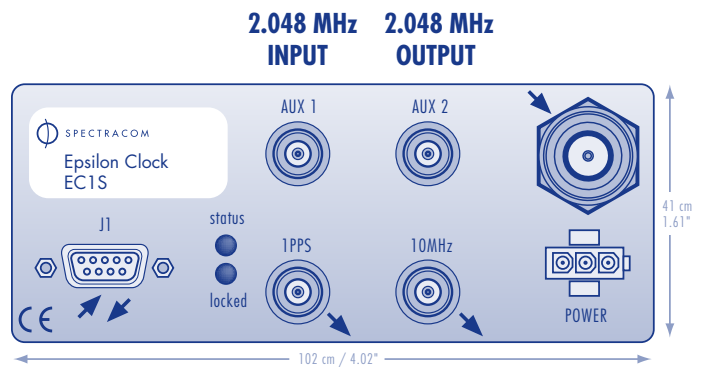
Connector: AUX1 on front panel

- SMA Female Pin settings
- Core: Sine wave signal / Input
Frequency: 2.048 MHz
Level: G703 § 13 / 75 Ω
- Ground: Electrical ground of the clock

Connector: AUX2 on front panel

- SMA Female Pin settings
- Core: Sine wave signal / Output
Frequency: 2.048 MHz
Level: G703 § 13 / 75 Ω
- Ground: Electrical ground of the clock

Complementary information is available in Epsilon Clock, Model EC1S, User's Manual.



Model EC1S-SO-50MHz 2.048 MHz Additional Input and Adjustable Frequency Output

Description

This option provides one (1) 2.048 MHz frequency input on AUX1 and one (1) adjustable frequency output, in the range of 1 MHz to 50 MHz, on AUX2.

Main Features

Connector: AUX1 on front panel

- SMA Female Pin settings
- Core: Sine wave signal / Input
Frequency: 2.048 MHz
Level: G703 § 13 / 75 Ω
- Ground: Electrical ground of the clock

Connector: AUX2 on front panel

- SMA Female Pin settings
- Core: Sine wave signal / Output
AUX2 frequency output can be adjusted between 1 MHz and 50 MHz using EpsilWin32
- Ground: Electrical ground of the clock

