

## SPX 10 & SPX 30 systems EMC Compliance - Cable ferrite requirement



### Product installation

This equipment must be installed and operated in accordance with the Raymarine instructions provided. Failure to do so could result in poor product performance, personal injury, and/or damage to your boat.

### Disclaimer

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### EMC installation guidelines

Raymarine equipment and accessories conform to the appropriate Electromagnetic Compatibility (EMC) regulations. This minimizes electromagnetic interference between equipment, which could otherwise affect the performance of your system.

Correct installation is required to ensure that EMC performance is not compromised.

### See also

For more information refer to the *SPX SmartPilot System Installation Guide SPX 10, SPX 30, SPX Solenoid* and the *SmartPilotX-Series Commissioning & Setup Guide (SeaTalk)* for *SPX-10, SPX-30, SPX-SOL & SPX-CAN Systems*.

### Cable suppression ferrites

SPX-10 and SPX-30 course computers are supplied with a suppression ferrite, which must be fitted correctly to the Fluxgate Compass cable, to ensure optimum EMC performance and comply with applicable EMC regulations.

Referring to the illustration overleaf, fit the supplied ferrite to the Fluxgate Compass cable, so that:

- The Fluxgate Compass cable loops twice through the ferrite.
- The ferrite is no more than 7.8 inches (200 mm) from the connection at the course computer.
- The ferrite is held in position by cable ties at each end.

# Fluxgate Compass suppression ferrite installation

