

1419: V-Nav Cable Mount Beacon



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PAM Portable 3510 with 3190 dunker

Key Features

- Secure digital spread spectrum signalling
- 7200 channel IDs
- 600m water depth operation
- Ranging and positioning with Easytrak Nexus and V-Nav
- Long quiescent battery life
- Robust and lightweight
- Configure and position using PAM Portable 3510

Applications

- Ocean bottom cable and node positioning
- Low cost 'as laid' positioning; pipelines, power cables and similar infrastructure
- Long term position monitoring
- Flexible pipe and riser positioning

Technical Specification

The type 1419 V-Nav positioning beacon offers an excellent stand-by life and on most operations would function for many months with a moderate amount of daily positioning. A design that facilitates fast battery changes mean that large numbers of the units can be maintained at relatively low operational cost.

PHYSICAL SPECIFICATION

Model	Beam Pattern	SPL	Survival Depth	Diameter	Length	Weight in Air / Water
1419	±90°	184dB	600m	63mm	410mm	1.5kg/ 1.0kg

1419 V-Nav Cable Mount, Technical Specification – continued...

OPERATIONAL

Transmit source level	184dB re 1μPa @1m
Transmit frequency range	MF 26 - 30kHz
Receive frequency range	MF 18 – 26kHz
Channel IDs	7200. 720 unique interrogates, 10 unique replies
Telemetry Commands	Address discovery, battery level, program address
Control and Configuration	3510 PAM Portable control unit

COMPATIBILITY

PAM Portable 3510 and 3190 dunker

AAE Easytrak Nexus

AAE V-Nav Navigation Software

OPTIONS

Alternative plastic outer

RFID tag

Please consult the AAE sales team for further information



Due to continual product improvement, specification information may be subject to change without notice.
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