

## Fastring™ — Geophone Land Case System

- Modular concept with "keying" of components, eliminating risk of reversed geophone polarity
- Factory-prepared cable intervals and terminations
- Increased durability and cable pull strength, exceeding 100 kg (220 lb)
- No soldering equipment required
- Simple assembly provides easier servicing and fault-finding
- Less manpower required for string repair
- On-the-line repairs feasible
- Fast connector and interval change-out
- Re-configure strings with ease
- Fewer strings per crew required
- Reduced repair costs



The Fastring™ land geophone case system offers a new approach to geophone stringing, providing greater user-flexibility with clear maintenance benefits. This system is designed on a modular concept with standard cable Lead-in and Interval lengths or is supplied according to customer's specification. Fastring accommodates SM-4, SM-24, SM-7, and SM-15 geophone ranges, and provision has been made for use with other manufacturers' geophones. Simple "keying" of components eliminates element polarity issues that can arise with conventional stringing repairs. Four screws form the case closure, allowing easy access for geophone and string maintenance. The case is manufactured from UV-stabilized materials for superior performance and high level of water-tight protection over a wide temperature range. The unique cable stress relief system outperforms the cable-breaking strength itself.

**Physical Specification**

Length (excludes cable entries)	47.5 mm (1.87 in)
Height	61 mm (2.4 in)
Width	45 mm (1.77 in)
Weight (includes geophone & spike)	200 g (0.44 lb)
Geophone types	SM-4, SM-24, SM-7, SM-15, or options for other manufacturers' geophones

**Environmental**

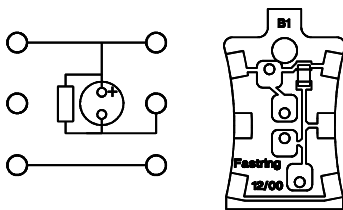
Operating temperature	-50°C to +75°C (-58°F to +167°F)
Water-tightness	1 bar (14.5 psi)

**Limited Warranty Period**

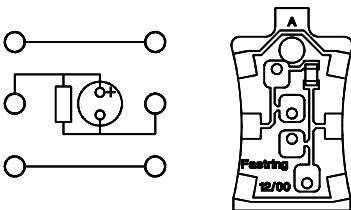
1.5 years

**Component Identification**

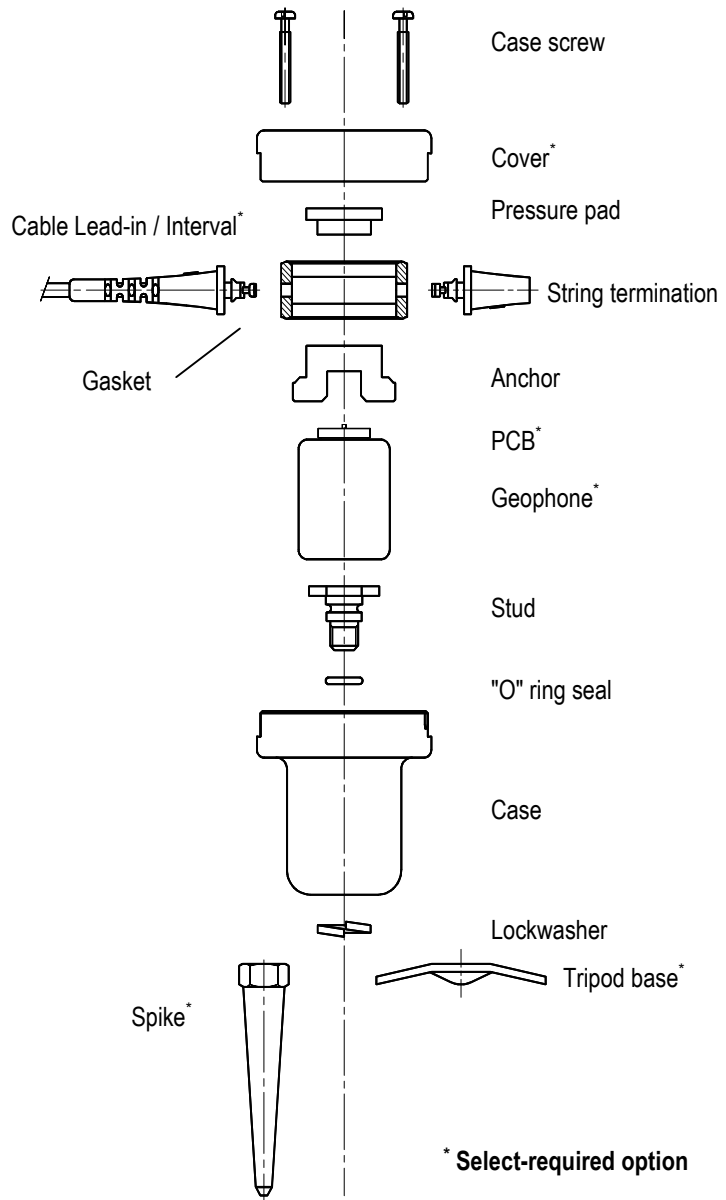
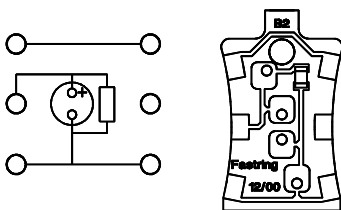
**B1-type PCB — Positive Branch**



**A-type PCB — Series Connection**



**B2-type PCB — Negative Branch**



\* Select-required option

<b>Fastring — Case Screw</b>	P/N 5008070	
<b>Fastring — Cover Options</b>		
Yellow	P/N 3020010	
Green	P/N 3020011	
Blue	P/N 3020012	
Red	P/N 3020013	
<b>Fastring — Pressure Pad</b>	P/N 3520030	
<b>Fastring — String Termination</b>	P/N 3020095	
<b>Fastring — Interval</b>	P/N 69xxxxx	User-specified length; customer-dependent Part Number
<b>Fastring — Lead-in</b>	P/N 69xxxxx	User-specified length & connector; customer-dependent Part Number
<b>Fastring — Gasket</b>	P/N 3020010	
<b>Fastring — Anchor</b>	P/N 3020050	
<b>Fastring — Geo/PCB — Type A</b>	P/N xxxxxxxx	User-specified geophone & shunt resistor value; customer-dependent Part Number
<b>Fastring — Geo/PCB — Type B1</b>	P/N xxxxxxxx	User-specified geophone & shunt resistor value; customer-dependent Part Number
<b>Fastring — Geo/PCB — Type B2</b>	P/N xxxxxxxx	User-specified geophone & shunt resistor value; customer-dependent Part Number
<b>Geophone</b>	P/N xxxxxxxx	User-specified SM-4, SM-24, SM-7, & SM-15; customer-dependent Part Number
<b>PE-3C Stud</b>	P/N 4003030	
<b>PE-3C "O" Ring Seal</b>	P/N 5080020	
<b>Fastring — Case</b>	P/N 3020030	
<b>M8 Lockwasher</b>	P/N 5040060	
<b>Spike Options</b>		
Steel 60mm — S60s	P/N 4002030	
Steel 75mm — S75s	P/N 4002033	
Steel 90mm — S90s	P/N 4002035	
Brass 60mm — S60b	P/N 4001010	
Brass 75mm — S75b	P/N 4001013	
Brass 90mm — S90b	P/N 4001015	
<b>Tripod Base Options</b>		
Steel — T-1/s	P/N 4042050	
Brass — T-1/b	P/N 4041020	

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