

PRODUCT DATASHEET

SUTA

SUBSEA UMBILICAL TERMINATION ASSEMBLY



DESCRIPTION

The Optical Subsea Umbilical Termination Assembly or **SUTA** is a termination and distribution unit for optical cables. It contains an integral pressure balanced compensation system, fiber management system, mechanical armor termination and fiber k-tube feed-through penetrations.

KEY FEATURES

- Integral fiber management system
- High pressure fiber optic feed-through penetrations
- Boot seals
- Depth Rating: Full ocean depth
- Field installable (no compounds)
- Oil filled and pressure compensated
- Dual o-ring seals
- Slide over cover for easy access and assembly
- Secure splice tray for maximum fiber stability
- Small - 5" (127mm) Diameter 15" (381mm) Length
- Modular cable termination design to facilitate different cables
- Options for multiple cable entry
- Options for multiple connections

QUALITY

- **SEACON** Advanced Products, LLC operate a Quality Management System certified to ISO 9001:2008.



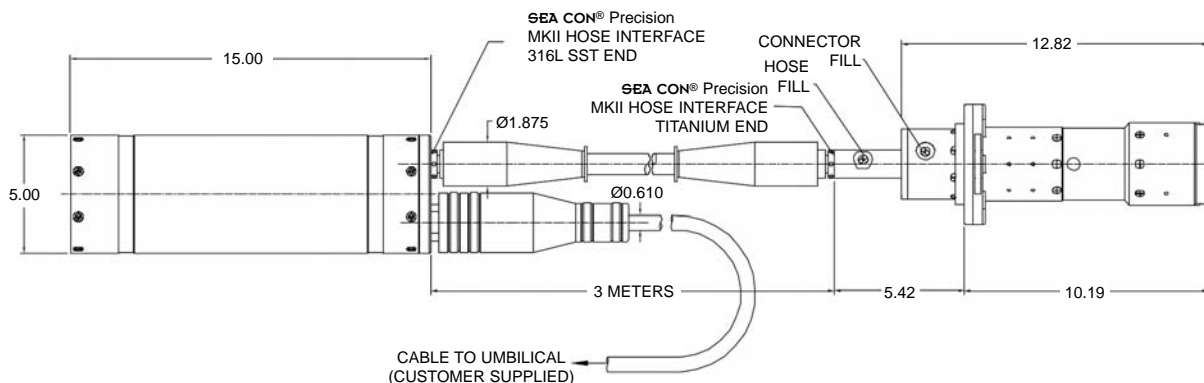
PRODUCT DATASHEET

DESIGN RATINGS & TESTING

- Design Life: 25 Years
- Adaptability to design for easy cable variations
- Lightweight - approximately 10lbs (4.5kg) in air
- Umbilical termination fiber splice, <0.10 dB per slice
- **HYDRALIGHT** wet-mate fiber optic connector, <0.50 dB per channel
- Operating Depth: 4500m
- Storage Temperature: -20°C to +60°C (-4°F to +140°F)
- Operational Temperature: -5°C to +45°C
- Pressure Compensation Fluid: Silicone Oil
- 24 hour Helium Leak Test
- Pressure Test 345 bar (5,000 psi), ambient temperature, 1 week soak
- Pressure Test 690 Bar (10,000 psi), ambient temperature, multiple cycling
- Hose assembly axial pull test

MATERIALS

- 316L SST, Titanium
- Elastomer: Nitrile



All reasonable efforts have been taken to ensure that the information contained herein is accurate at the date of publication, but no representation or warranty as to the accuracy or completeness of such information is intended or to be implied by its inclusion herein. Any and all representations and warranties pertaining to the information and products referred to herein shall be set forth in SEACON® standard sales order form. In addition, SEACON® reserves the right to make changes to the contents hereof without notice, therefore it is suggested that at the time of inquiry, the appropriate sales office or factory be contacted directly for verification of published specifications and products availability.

© 2011 SEACON Advanced Products, LLC.
ALL RIGHTS RESERVED

SEACON Advanced Products, LLC.

1321 Nelius Road, PO Box 767, Bellville, Texas 77418, USA

TEL: +1 (979) 865 8846 FAX: +1 (979) 865 8859

E-Mail: sales@seacon-ap.com Website: www.seacon-ap.com

SAPL-DS-0112

SUTA

Rev 2

Page 2 of 2