

OPTICAL HYBRID DRY-MATE PRODUCTS

As fiber optic communication continues to evolve, the SEA CON® Group are able to offer a comprehensive and extensive range of fiber optic products which are designed and manufactured to meet the specific and varied environmental conditions demanded today.

DRY-MATE FIBER OPTICS

- Single-mode & multi-mode
- Using Standard Connector Ranges:
MINI-CON, MSS, OPTI-CON
- Insertion loss < 1.0dB (or < 0.5dB)
- Up to 20,000 psig (approx.45,000ft/13,700m)
- Glass sealed options available in some connector styles and types
- Typical uses; Sonar & surveillance systems, ROV's/AUV's, BOP monitoring equipment, neutrino detection, stress monitoring, subsea camera systems & downhole applications

Please see our **FIBER OPTIC** brochure for more details

OPTI-CON

- 5 Shell sizes (F=1 Way, G=4 Way, M=8 Way, Q=12 Way, T=20 Way)
- 1, 4, 8, 12 & 20 channels in any electrical or optical configuration, single or multi-mode
- Single way right angle version available
- Up to 7,500 psig (approx.16,900ft/5,200m)
- 600 VDC
- 4 amps
- Oil filled hose as standard with molded unit as a cost option
- Stainless Steel
- Typical uses; Cameras, monitoring equipment, sonars, towed arrays and any applications requiring high data transfer rates

Please see our **OPTI-CON** brochure for more details

HP/HT (DOWNHOLE)

- Optical, electrical and hybrid (electro/optic) versions available:
2-channel optical only version
2-channel electrical only version
4-channel hybrid (2 electro/2 optic)
- Up to 10,000 psig (approx.22,500ft/7,000m)
- Up to 600 VAC
- Up to 2.5 amps
- Less than 1 inch in diameter
- Field installable termination
- Maximum optical attenuation: 0.3dB
- Maximum optical back reflection: -50dB
- Inconel 625
- Typical uses; High-pressure and high-temperature applications, Downhole & tree/tubing hanger systems

Please see our **HP/HT Connectors** datasheet for more details - SAPL-DS-0012