

# SEACON

## SEACON ADVANCED PRODUCTS, LLC PRODUCT DATASHEET

### OPTICAL / ELECTRICAL DRY-MATE



#### DESCRIPTION

As organizations in the subsea industry develop more applications with fiber optic technology in mind, there has been a dramatic increase in the quantity and complexity of electro-optic connector configurations needed to fit these applications. In order to meet the changing requirements of customers, the SEACON Group has developed a comprehensive and extensive range of fiber optic products which are designed and manufactured to meet the specific and varied environmental conditions imposed on connectors today.

Our standard dry-mate optical products are based around six series of connectors; the **MSS** (Metal Shell Series), the **MINI-CON** Series, the **OPTI-CON** Series, the **X9**, the **CS-M9** Series and the Military Hybrids.

With over 16 years experience in underwater optical connectivity, SEACON can offer optical dry-mate, wet-mate, underwater mateable connectors, optical penetrators and optical fiber management systems for a variety of applications.

For more details on the dry-mate products, refer to the Optical Hybrid Dry-Mate catalogue.

#### QUALITY

- SEACON Advanced Products, LLC operate a Quality Management System certified to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.





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#### MINI-CON (OPTICAL/ELECTRICAL/HYBRID)

- Pressure: Up to 16,000 psi
- Voltage: Up to 600 VDC; contact **SEACON** for higher ratings
- Current: Up to 23 amps
- Materials: 316 Stainless Steel, Copper Alloy, Glass Reinforced Epoxy



#### MILITARY HYBRID (OPTICAL/ELECTRICAL/HYBRID)

- Pressure: Up to 10,000 psi
- Voltage: Contact **SEACON** for details
- Current: Contact **SEACON** for details
- Materials: 316 Stainless Steel, Monel®, Titanium



#### MSS (METAL SHELL SERIES)

- Pressure: Up to 20,000 psi
- Voltage: Up to 600 VDC; contact **SEACON** for higher ratings
- Current: Up to 300 amps
- Materials: 316 Stainless Steel, Copper Alloy, Glass Reinforced Epoxy



#### OPTI-CON (OPTICAL/ELECTRICAL/HYBRID)

- Pressure: Up to 7,500 psi
- Voltage: Up to 600 VDC
- Current: 4 amps
- Materials: 316L Stainless Steel



#### X5 (OPTICAL GLASS REINFORCED EPOXY)

- Pressure: Up to 20,000 psi
- Voltage: Up to 2,800 VDC
- Current: Up to 200 amps
- Materials: Glass Reinforced Epoxy, 316 Stainless Steel



#### CS-M5 (OPTICAL/ELECTRICAL)

- Pressure: Up to 7,000 psi
- Voltage: Up to 1,000 VDC
- Current: Up to 13 amps
- Materials: 316 Stainless Steel, Aluminum, Glass Reinforced Epoxy



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