

## APPLICATION CHECKLIST



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CONTACT :

EMAIL :

PHONE :

COMPANY :

END USER:

APPLICATION : OIL & GAS ☐ DEFENSE ☐

POWER ☐ COMMERCIAL ☐

### TECHNICAL REQUIREMENTS

If possible, please provide a system drawing or hand sketch

**\*\*Unless otherwise specified, we assume receptacles/penetrators will be mounted on the outside of an underwater vehicle/structure and provide a failsafe pressure for the dry environment inside. Plugs/cable assemblies are for the wet environment.\*\***

#### Requesting a known product:

DGO Part Number: \_\_\_\_\_ Quantity: \_\_\_\_\_

#### Environmental/Application Space:

Dry Mate ☐ Wet-Mate ☐ Other: \_\_\_\_\_ Gas Testing: Yes ☐ No ☐ Gas Requirements: \_\_\_\_\_ ☐psi ☐bar  
Operating Depth: \_\_\_\_\_ ☐ft. ☐m Operating Pressure: \_\_\_\_\_ ☐psi ☐bar Test Pressure Requirements: \_\_\_\_\_ ☐psi ☐bar  
Max Temperature High: \_\_\_\_\_ Max Temperature Low: \_\_\_\_\_ Specification Available: Yes ☐ No ☐

#### Hardware:

Material: 316L Stainless Steel ☐ Titanium CP Gr.2 ☐ Monel ☐ MIL Std 24231 ☐ MIL Std 24217 ☐ Down Hole ☐  
Commercial Part ☐ Well Head ☐ High Press. + High Temp. ☐ Submarine ☐ Submersible ☐ Other: \_\_\_\_\_  
Specific Installation Prep: Yes ☐ No ☐ Labeling Requirements: \_\_\_\_\_ Wiring Diagram Info: \_\_\_\_\_

#### Optical:

Single Mode ☐ Multimode ☐ Number of channels: \_\_\_\_\_  
Operating Wavelength: ☐1310nm ☐1550nm Other: \_\_\_\_\_  
Electric Optic Size & Num. of Fibers: \_\_\_\_\_ Desired Attenuation: \_\_\_\_\_dB's

#### Electrical:

Number of Conductors: \_\_\_\_\_ AWG Wire Size: \_\_\_\_\_ Coax Size/Type: \_\_\_\_\_  
Insulation Resistance: \_\_\_\_\_ Ohms Dielectric Withstand Voltage: \_\_\_\_\_ Volts  
Operating Voltage: \_\_\_\_\_ ☐DC ☐AC RMS Test Voltage: \_\_\_\_\_ ☐DC ☐AC RMS  
Operating Current: \_\_\_\_\_ Amps Maximum Current: \_\_\_\_\_ Amps Duration in seconds of Max Current: \_\_\_\_\_ Amps

#### Termination:

Cable Type: Elec. ☐ Fiber ☐ RF ☐ Hybrid ☐ PBOF ☐  
Outer Jacket Material: PU ☐ PE ☐ Neoprene ☐ Other: \_\_\_\_\_  
Molded: Straight ☐ Right Angle ☐ Working Load: \_\_\_\_\_ lbs Solder Termination: \_\_\_\_\_  
Mounting: Penetrator ☐ Bulkhead ☐ Mid-flange bolted ☐ End-flange bolted ☐ Welded Mount. ☐ Other: \_\_\_\_\_  
Double Ended Plug Assy. ☐ Single Plug Assy. ☐ Overall Length: \_\_\_\_\_  
Fluids: Any other than Exposure to Seawater? Yes ☐ No ☐ If Yes, explain: \_\_\_\_\_  
Special Wiring (if using cable shield – grounding reqd.?): \_\_\_\_\_ Conductor Size: \_\_\_\_\_ Material: \_\_\_\_\_  
Cable Specification #: \_\_\_\_\_

#### Qualification Requirements:

API ☐ CONES ☐ NACE ☐ NONSOK ☐ ISO ☐ Customer Spec ☐ Other: \_\_\_\_\_

#### Description of Application:

Please leave a description of your application, or any comments if not sure what products you require:

\_\_\_\_\_  
\_\_\_\_\_