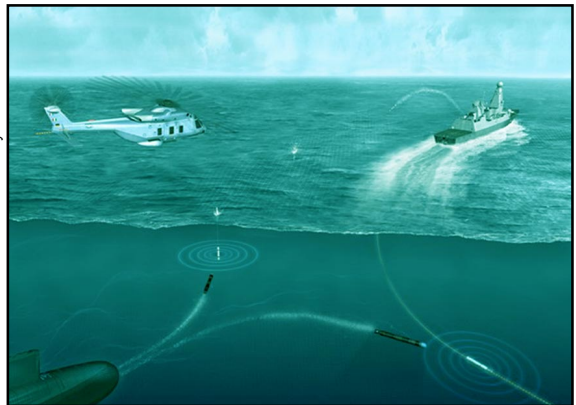
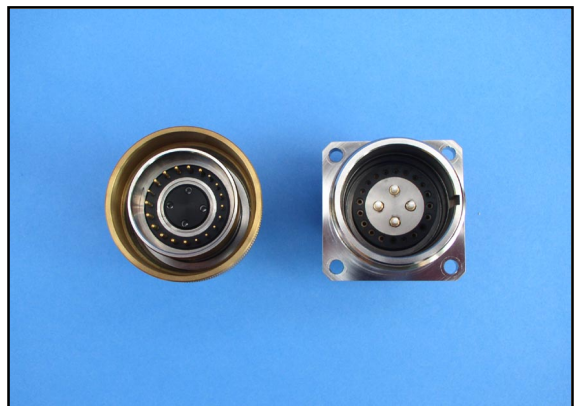


Courtesy Ultra Electronics



# PDM

Subsea products and services



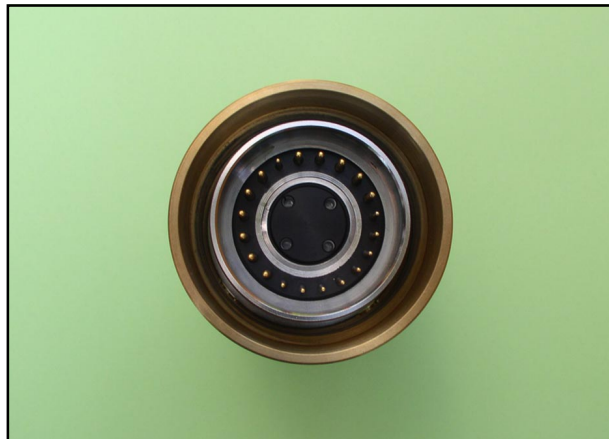
**PDM Custom Hybrid Fibre Optic Connectors**

# PDM Custom Hybrid Fibre Optic Connectors

The PDM Omega Fibre Optic Connector range has been well received by the industry. But PDM has always offered a flexible approach to its products, being prepared to develop custom units to specific client requirements.

PDM was asked by Ultra Electronics to develop a robust hybrid connector system for the Surface Ship Torpedo Defence (SSTD) system. This connector comprised 20 electrical and 4 fibre connectors. Full details are given below.

Drawing on its extensive connector experience, PDM was able to design the units, tailoring them to the client's precise specification. The success of the flexible design approach adopted, means that different connector configurations are possible to suit a variety of applications. If you are looking for similar products please contact PDM to discuss your requirement.



Connector Contact Detail



- Launched in 2005 and used on SSTD contract
- Harsh environment survivability
- 20 electrical and 4 fibre, hybrid configuration
- Up to 12A rating on contacts
- Insertion loss <0.2dB @ 1550nm
- After 500 mating cycles insertion loss <0.2dB @ 1550nm
- Specified pressure 2000psi
- "Scoop proof" connector design
- Other configurations possible



Custom Hybrid Fibre Optic Connectors

Product brochures are available on

Cable Assemblies  
Epoxy/Rubber Moulded Connectors  
Underwater Pluggable Connectors  
Design and Development Projects  
Encapsulated Products  
High Density Connectors  
Wet Pluggable Connectors  
Polyurethane Elastomers  
Transition Zone Connectors  
Quickcure Moulding System

Defence Projects  
Titan Connectors  
Penetrators  
Bend Limiters  
Polyethylene Products  
Bend Restrictors  
IE55 Connectors  
Fibre Optic Connectors  
Fibre Optic Penetrators  
Polyethylene Moulding

PDM Neptec



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