

4 CHANNEL DRY-MATE FIBRE OPTIC CONNECTOR



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DESCRIPTION

Small compact connector originally designed and developed for the demanding downhole environment. The materials and design chosen are specific for these arduous conditions. The compact nature of this connector lends itself to many applications where overall size needs to be kept to a minimum.

KEY FEATURES

- Based around proven optical connector designs
- Small in size (see following drawings)
- Wide temperature rating
- Single or multi-mode fibre accommodated
- Available in different materials and terminations to suit the requirement
- Dual "O" seals
- Field installable (in certain environments)



SEACON (europe) LTD PRODUCT DATASHEET

DESIGN SPECIFICATION

- Max Working Pressure: 10,000 psi (mated)
- Temperature Rating: -20 to +150°C (-4 to +300°F)
- Optical Insertion Loss: <0.5db typically <0.3 db single or multi-mode
- Typical Optical Return Loss: <-25 db

MATERIALS

- Connector Shell: Titanium or 17-4 PH (Alternatives available to meet different specifications and/or special fluid compatibility requirements)
- Elastomer: Nitrile (Alternatives available to meet different specifications and/or special fluid compatibility requirements)

CONFIGURATION

- Bulkhead mounted receptacle
- Flange mounted receptacle
- PBOF
- Over mouldable backshell
- Right Angle

INTERFACE DATA

- For customer specific requirements and specific interface detail contact **SEACON** (europe) Ltd
- Examples shown on the following drawings

QUALITY

- **SEACON** (europe) Ltd operate a Quality Management System accredited to ISO 9001.





