



SEACON 4 Channel Dry-Mate Fibre Optic Connector

KEY FEATURES

- Small in size
- Wide temperature rating
- Single or multi-mode fiber accommodated
- Available in different materials and terminations to suit the requirement
- Dual “O” seals
- Field installable (in certain environments)

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.

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SEACON

4 Channel Dry-Mate Fiber Optic Connector

Specifications

DESIGN SPECIFICATIONS

- **Max Working Pressure:** 10,000 psi (approx.22,500ft/7,000m) 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)

CONFIGURATIONS

- Bulkhead mounted receptacle
- Flange mounted receptacle
- PBOF (Pressure Balanced Oil Filled)
- Over mouldable backshell
- Right Angle

INTERFACE DETAIL

- For customer specific requirements and specific interface detail contact TE Connectivity (TE)

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Consult TE for the latest dimensions and design specifications.

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