



SEACON ADVANCED PRODUCTS, LLC PRODUCT DATASHEET

G3

OPTICAL WET-MATE CONNECTOR



New G3 Optical Wet-Mate Connector

DESCRIPTION

One of SEACON's latest fiber optic developments is the G3 optical wet-mate connector. Manufactured by SEACON Advanced Products, LLC in Bellville, Texas, this new, third generation connector utilizes existing HYDRALIGHT technology and is available in 6 channels with either single-mode or multi-mode optical fibers. The G3 offers low profile optical connectivity combined with simplicity of operation and is ideally suited for tight interfaces requiring low loss optical performance. This connector can incorporate flat or angle polished contacts making it ideal for either signal communication systems or optical measurement and sensing systems such as tubing hanger connections, tree connections, riser monitoring systems and life of field seismic systems (LoFS).

KEY FEATURES

- Very small form factor, with low loss optical performance
- Matched pairs not required
- Internal pressure compensated
- 15,000 psi, 150°C operating
- Footprint < 1.5 x 0.875"
- 6 channels, single-mode or multi-mode
- Few internal moving parts
- Simplicity of operation
- Elastomers suited for harsh chemical environments
- Patented "Joined Chamber" concept
- Suitable for ROV, Diver, or Stab Plate operation

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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