

INTRODUCTION

SEACON (europa) Ltd is pleased to announce the release of a new range of underwater electrical dry-mate connectors to compliment the existing 55 SERIES. The new 66 SERIES of reverse gender connectors enable power to be applied to the bulkhead connector yet still be safe to use. Manufactured utilizing tried and tested methods and materials, this new range also incorporates shorter locking sleeves to ensure easier mating capability.

Other key features include:-

- Industry Standard Compatibility
- Proven Sealing Technology
- Heavy Duty Stub Acme Threads*
- Pressure Rated Blanking Caps available

AVAILABILITY

The 66 SERIES is currently available in two shell sizes; 16 and 20 with two configurations (8#16/13#16), however more configurations will be added to the range if required.

APPLICATIONS

This new connector range is suitable for a variety of applications including ROV's, underwater cameras, diver communications, lights and pan and tilts.

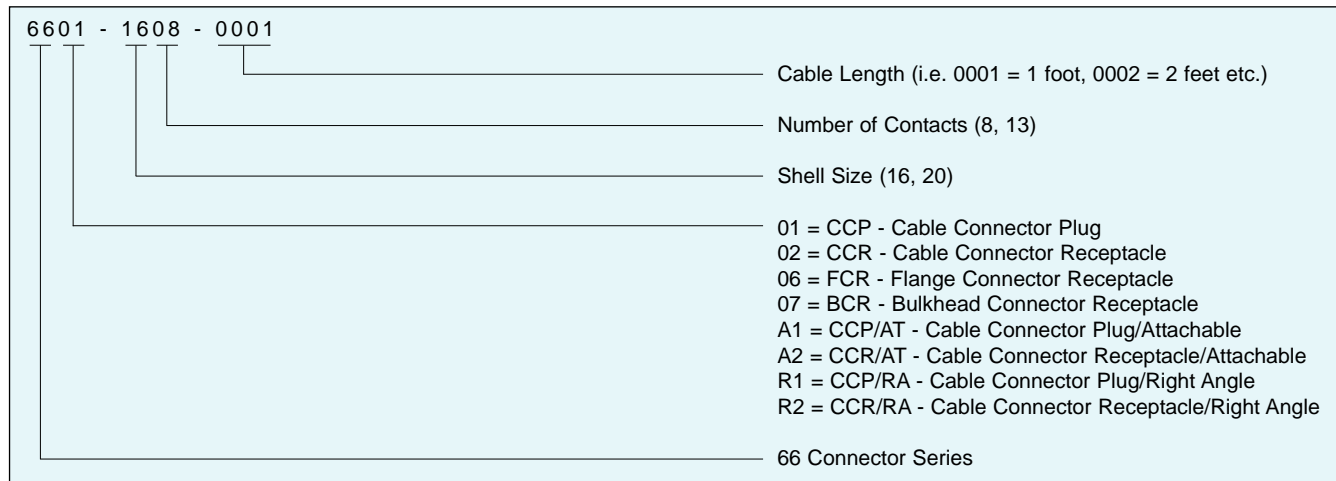
TESTING

Please contact SEACON for details.

SPECIAL ASSEMBLIES

SEACON maintains all facilities necessary to furnish complete underwater and environmental electrical connector/cable systems, including Research and Development, Engineering, Manufacturing, Quality Control and Pressure Testing. As well as supplying our standard 'off-the-shelf' items, we have the capability to design and manufacture **SPECIAL CUSTOMIZED CONNECTORS AND CABLE ASSEMBLIES** to suit your individual needs. SEACON also prides itself with the ability to perform stringent quality conformance testing procedures which are in accordance with the MIL-SPEC programs.

Please contact SEACON for further information

PART NUMBER SYSTEM - EXAMPLE**GENERAL INFORMATION**

COMPONENT	MATERIAL
CONNECTOR BODY BCR/CCP/FCR	316L Stainless Steel Shell / Neoprene internals.
CONTACTS	Gold plated per MIL-G-45204.
O-RING	Nitrile N70.
ENGAGING NUT	316L Stainless Steel coated with special anti-galling compound.
IN-LINE CABLE	Neoprene. Other materials are also available. Please contact SEACON® for details.
SPIRAL RETAINING RING	316L Stainless Steel.

CATEGORY	VALUE
OPEN FACE PRESSURE	Up to 10,000 psi.
MATED PRESSURE	10,000 psi.
VOLTAGE RATING	600 VDC / 440 VAC.
CURRENT	7 amps (contacts 13 amps) and cable dependent.
BULKHEAD MOUNTING TORQUE	16 shell size = 125 inch/lbs*. 20 shell size = 165 inch/lbs*.

NOTE:

- * Torque values refers to installation into dry metal threads.