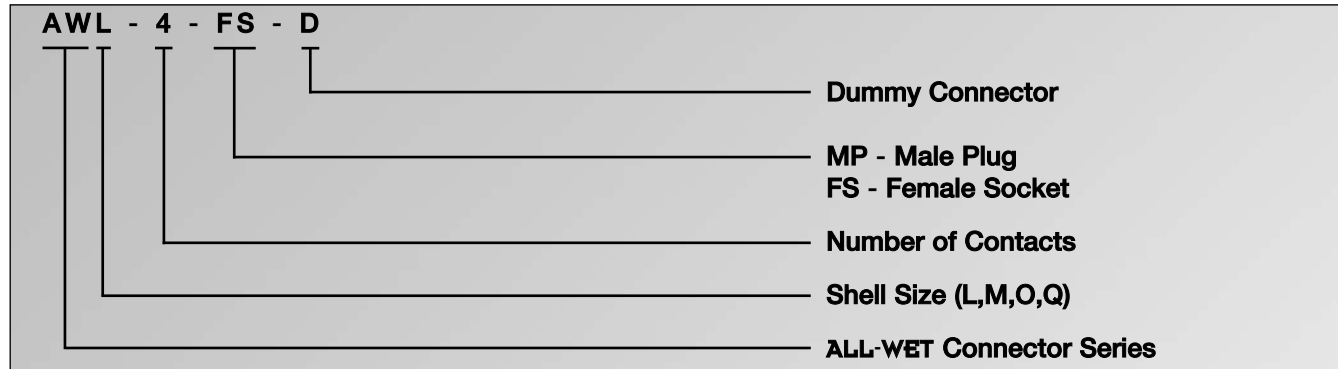


ALL-WET ROUND SERIES

ROUND SERIES DUMMY CONNECTORS

EXAMPLE:



GENERAL INFORMATION

COMPONENT	MATERIAL
BULKHEAD BODY (BCR/FCR)	CA630 per QQ-C-465 316SS, 6061-T6 Aluminium Hard anodized, Glass Reinforced Epoxy (GRE) Other materials available on request.
CONNECTOR BODY	Neoprene per B/A X5727
CONTACTS	Copper Alloy Gold Plated per ASTM B488
GUIDE PINS	304 Stainless Steel
O-RINGS	Nitrile (formerly known as Buna N)
IN-LINE CABLE	#18 AWG SO as standard
BULKHEAD PIGTAILS	Teflon® type E hook-up wire

CATEGORY	VALUE
OPEN FACE PRESSURE	Up to 1,000 psi (contact SEA CON® for higher ratings)
MATED PRESSURE BULKHEADS	Up to 10,000 psi
MATED PRESSURE IN-LINES	Up to 20,000 psi
VOLTAGE	600 VDC based on standard cable (contact SEA CON® for higher ratings)
CURRENT	Up to 50 amps per contact
CONTACT RESISTANCE	<0.01 ohms
INSULATION RESISTANCE	>500 megohms after wet mating

NOTES:

- Locking sleeves are not standard and must be ordered separately. Available in Delrin® (DuPont trademark for Acetal Resin) or Stainless Steel.
- Bulkhead nut/washer is not standard and must be ordered separately. Available in Stainless Steel although other materials are available on request.
- In-line cable and hook up wire is 18 inch as standard, longer lengths to be specified when ordering.
- In-line cable is also available in #16 AWG SO. Please contact SEA CON® for other cable requirements. Some cables may require terminating to a bulkhead connector and overmolding.

AMPACITY CHART FOR STANDARD PARTS

PART DESCRIPTION NUMBER OF CONTACTS	AMPACITY
AWL - 2	7 amps
AWL - 3	7 amps
AWL - 4	5.6 amps
AWL - 5	5.6 amps

PART DESCRIPTION NUMBER OF CONTACTS	AMPACITY
AWM - 6	5.6 amps
AWM - 8	4.9 amps
AWO - 12	3.5 amps

NOTES: Amperage ratings are based on #18 AWG SO cable.

STANDARD WIRING COLOR CODE

STANDARD IN-LINE COLOR CODE (SO CABLE)

CONTACT #	COLOR
1	WHITE
2	BLACK
3	GREEN
4	RED
5	ORANGE
6	BLUE

CONTACT #	COLOR
7	WHITE/BLACK
8	RED/BLACK
9	GREEN/BLACK
10	ORANGE/BLACK
11	BLUE/BLACK
12	BLACK/WHITE

CAUTION

ALL-WET connectors are intended to mate with ALL-WET connectors only. Although the ALL-WET and WET-CON connectors look similar, the numbering pattern and color codes are not the same. We recommend as general practice, to verify color code and pin location before installation.