



Hydroconn[®] Connector Leakage Test Result

Five samples of mated pairs were submitted for electrical leakage testing. They were immersed in water for a period of seven days and held at 140°F in a Tenney Jr. Environmental Chamber. Samples were then tested using a Fluke 1507 Insulation Tester. All samples showed acceptable leakage readings of >1.0GΩ.

No	White Wire	Red Wire	Yellow Wire
#1	1.4GΩ	1.3GΩ	1.3GΩ
#2	1.4GΩ	1.4GΩ	1.4GΩ
#3	1.2GΩ	1.2GΩ	1.3GΩ
#4	1.2GΩ	1.1GΩ	1.1GΩ
#5	1.5GΩ	1.3GΩ	1.3GΩ

Dimensions of the ID of the female connector were measured with a plug gage prior to testing, and again after testing. After seven days the ID dimension had relaxed and increased by .005" - .006", essentially conforming to the OD dimensions of the mating male connector.