

## New Hydroconn™ AMR Series III Connectors

Patent Pending

### Features

- Special Manufacturing process designed to vastly improve cable/connectors reliability for rugged field applications
- Post molded strain relief from cable to connector
- Internal/External totally bonded connector
- Hydraplas® extruded cable jacket and molded connector

Nicor Inc. offers a complete line of Hydroconn™ AMR cables specifically designed and manufactured to meet the rugged requirements for in pit, underwater applications. Nicor's unique design insures total moisture sealing for even the toughest underwater applications yet they are easily re-entered for troubleshooting a transponder or for a meter swap out.

### Specifications

|                       |  |
|-----------------------|--|
| Connector Material    | Flexible Hydraplas®  |
| Contacts              | Machined 22 AWG copper alloy                                   |
| Contact Plating       | 5μ inches gold per Mil-G-45204 over Ni                         |
| Insulator             | Glass filled thermoplastic                                     |
| Current Rating        | 7.5 amps   |
| Voltage Rating        | 300 V AC/rms 50Hz  |
| Insulation Resistance | 5000 MΩ at 500 vdc   |
| Temperature Rating    | -20° to +80°   |
|                       | Low temp cable flexibility                                     |
| Cable Jacket          | Hydraplas®   |
| Cable Watrblock       | Hydraplas® core  |
| Pressure Rating       | Submersible to 1000 psi  |
| Sealing Method        | Integral molded O-rings and grooves in male-female arrangement |

