



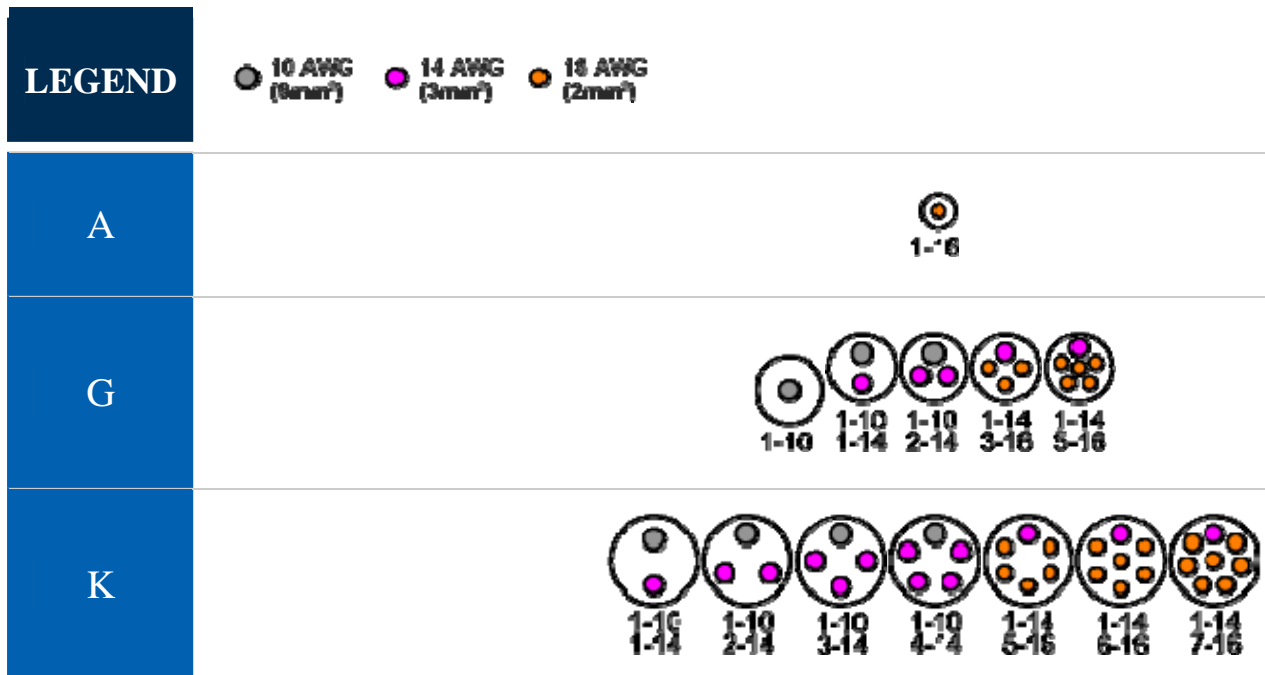
BIRNS Rubber Connectors are simple, low-cost cable connectors for light-to-medium power or signal applications, and/or for applications where weight and/or magnetic signature are considerations. They are rated to 1,000m and 500VDC, and made of a durable elastomer that cannot chip or dent. They mate with each other in the in-line mode, and with BIRNS Polymeric Series bulkhead connectors. They are well engineered, yet extremely affordable and easy to use.

Features:

- Outstanding corrosion resistance
- Light weight
- Minimal magnetic signature
- Tactile indexing guide
- Locking sleeve retention shoulder
- Durable elastomer cannot chip or dent
- Gold-plated contacts
- Heat-treated beryllium copper sockets

[Click on any of the pin configurations in the chart below.](#)

PIN CONFIGURATIONS



- [Connector Types](#)
- [General Technical Specification](#)

BIRNS Rubber connectors are permanently molded onto submersible electrical cable. Stock connectors are molded onto 45 cm (18") lengths of 18 AWG or 16 AWG type SO Aquaprene neoprene-jacketed cable. Contact us for other lengths, cable types, and/or configurations.

BIRNS Rubber Connectors are Female ("Receptacle") or Male ("Plug"). Receptacles usually have sockets and Plugs usually have pins. If Receptacles have pins or Plugs have sockets, they are known as "Inverted", and their part numbers incorporate a "V".

Part number examples are (using size "G"):

- **RMG-2-FS** : Size G *receptacle*, with "2" *sockets*
- **RMG-3-MP** : Size G *plug*, with "3" *pins*
- **VMG-4-FS** : Size G *receptacle*, with "4" *pins*
- **VMG-2-MP** : Size G *plug*, with "2" *sockets*

Options are:

1. **Cable locking sleeves** (retention devices)
 1. Molded or machined plastic: light weight and lower cost
 2. AISI 300-series Stainless Steel: for the maximum durability
2. **"Dummy" connectors (sealing caps)**
 1. Low pressure
 2. High pressure
3. **Fabrication configuration(s)**--contact us for information on:
 1. Cable type
 2. Cable length
 3. Cable break-outs, splices, Y-molds, etc.