

Secure Connections with Confidence

Neptune® Quick-Lock Connector™



The Neptune® Quick-Lock Connector™ offers confidence in the field with a superior, secure locking connection. The Connector is available on both registers and endpoints and provides a quick and easy connection without the need for special tools. The secure locking feature prevents inadvertent disconnection, reduces maintenance, and eliminates costly site visits.

The IP68 rated and rugged design of the Neptune Quick-Lock Connector assures reliable connection and communication for the life of the installation – even in harsh environments.

- Eliminate inadvertent disconnections with Neptune's exclusive quick and easy self-locking design
- Intuitive, fast, and easy connections are assured with alignment indicators and a keyed insertion guide
- Improve installation time and reliability with no extra parts or splicing required
- Integrated tamper seal support provides added security without the need for special hardware

Materials

- Black shell: HDPE (high-density polyethylene)
- Main body: 30% glass-filled PBT (polybutylene terephthalate)
- Dust cap: ABS (acrylonitrile butadiene styrene)
- Contacts: 10 μ inch gold-plated

Cable

- Outside diameter: 0.150"
- Jacket material: black PVC (polyethylene)
- Conductors: 3-wire - 22 AWG solid tinned copper
- Insulation resistance: D.C. 500 V, 100 M Ω Minimum

Standards

- Operating temperature: -30°C to +65°C
- Storage temperature: -40°C to +70°C
- Humidity: 100% RH condensing
- Pull tensile test: exceeds 45 lb. force
- UV exposure: ASTM G155
- ESD (electrostatic discharge): IEC 6100-4-2
- Submersion: IP68 rating



Connector Male End



Connector Female End



Endpoint Side Connector with Protection Plug



Protection Plug



Register Side Connector with Protective End Cap



Protective End Cap