



## Series

**403**  
HI-REL

**35 KVDC**

3 Pin

Bayonet Coupling

## General Specifications

### Series 403

Ruggedized 3 pin connectors designed to operate at 35 KVDC from sea level to 70,000 feet. Operating temperature is -55°C to +125°C.

### Applications

Series 403 connectors feature stainless steel bodies and coupling rings and are resistant to salt spray and other corrosive environments. The connectors are uniquely qualified to function aboard ships or airborne Radar applications. The connectors and cable assemblies are 100% tested at 50 KVDC at a simulated altitude of 70,000 feet. (ambient room temperature)



## GENERAL SPECIFICATIONS

Voltage rating (any altitude)

**35 KVDC**

Operating temperature

**-55°C to +125°C**

Plug insulator material

**Diallyl Phthalate Plastic**

Receptacle insulator material

**Diallyl Phthalate Plastic**

Coupling type

**Bayonet**

Bayonet coupling ring diameter. Inches/mm

**2.10/53.3**

Body and coupling ring material/finish

**Stainless/Passivation**

Male Contact Size (Plug)

**12 gauge**

Male Contact Material/Finish

**Brass/Gold**

Female Contact Material/Finish

**BeCu/Gold**

Hooded Female Contact

**Yes**

Crimp Braid Termination (plug)

**Yes**

Maximum operating current (RMS)

**13 amps**

100% test voltage

**50 KVDC @ 70,000 feet simulated. Ambient room temperature**