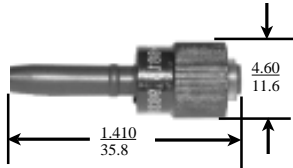


# Series **737** HI-REL 15 KVDC

Altitude Rated  
For Military/Aerospace Applications  
**Operating Temperature:**  
-55°C to +125°C

## Plugs



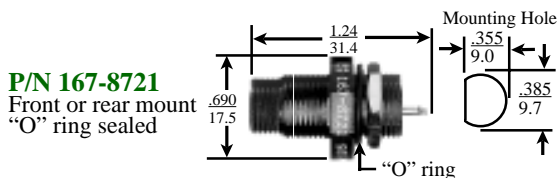
### Series 737 Plugs

- P/N 167-8816** Silicone insulator for 0.090 Dia. wire
- P/N 167-9391** Silicone insulator for 0.150 Dia. wire

### Series 737 Plug Attributes

Operating voltage: 15 KVDC up to 70,000 ft.  
Mating: Mates all series 737 receptacles and LGH 1/2LI Series receptacles. Also mates Reynolds C737 series RC1515, 2RC1515 and 13RC1515 receptacles; this combination will reduce the upper operating temperature from +125°C to +95°C  
For cable preparation and assembly instructions, see pp. 46 and 47  
Bulk cable: See p. 40 for ordering and specifications

## Receptacles

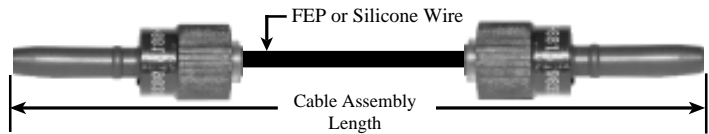


**P/N 167-8721**  
Front or rear mount  
"O" ring sealed

### Series 737 Receptacle Attributes

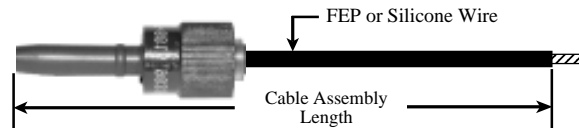
Operating voltage: 15 KVDC up to 70,000 ft.  
Pressure: Sealed for 15 psi differential pressure  
Leak test: 1 X 10<sup>-6</sup> cc/sec. He  
Ordering: Use the applicable Part Number  
Mating: Mates all series 737 and LGH 1/2LI lead assemblies. Also mates all 15 KVDC rated Reynolds C737 lead assemblies; this combination will reduce the upper operating temperature from +125°C to +95°C

## Cable Assemblies



### Series 737 Double-Ended Cable Assembly

- P/N 167-8817** .080 FEP wire & P/N 167-8816 connectors
- P/N 167-9916** .150 silicone wire & P/N 167-9391 connectors
- P/N 167-8851** .080 FEP wire & P/N 167-8849 connectors using fluorosilicone rubber insulators



### Series 737 Single-Ended Cable Assembly

- P/N 167-8818** .080 FEP wire & P/N 167-8816 connector
- P/N 167-9917** .150 silicone wire & P/N 167-9391 connector
- P/N 167-8850** .080 FEP wire & P/N 167-8849 connector using a fluorosilicone rubber insulator

### Series 737 Cable Assembly Attributes

Operating voltage: 10 KVDC up to 70,000 ft.  
Test voltage: 18KVDC @ 70,000 ft. (simulated). Ambient temperature  
Mating connectors: Mates all Series 737 receptacles and all LGH 1/2LI series receptacles. Also mates Reynolds C737 receptacles RC1515, 2RC1515 and 13RC1515; this combination will reduce the upper operating temperature from +125°C to +95°C  
Ordering: See Cable Assembly Ordering Information, below  
Bulk wire & cable: See p. 40 for ordering and specifications

### Cable Assembly Ordering Information

Order by Part Number  
Use "F" for feet, "N" for inches.  
Example: Cable Assembly 167-8817 10 feet 8 inches in length, is ordered as **P/N 167-8817-10F-8N**