

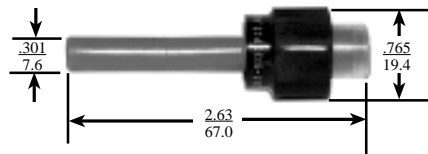
Series

727 HI-REL

25 KVDC

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

Plugs



Series 727 Plug

P/N 167-9449 Silicone insulator for .180 Dia. wire

P/N 167-9330 Silicone insulator for .280 Dia. wire

Series 727 Plug Attributes

Operating voltage: 25 KVDC up to 70,000 ft.

Mating: Mates all series 727 receptacles and LGH 1LI series receptacles. Also mates Reynolds C727 series RC1535 receptacles; this combination will reduce the upper operating temperature from +125°C to +95°C

For cable preparation and assembly instructions, see p. 48

Bulk cable: See p. 40 for ordering and specifications

Receptacles

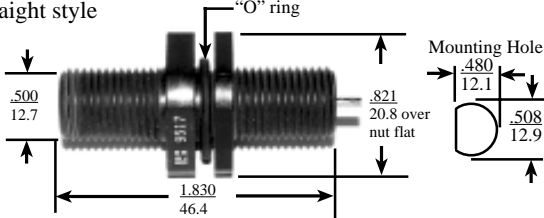
Series 727 Sealed Receptacle Connector

P/N 167-9336 Silicone seal

P/N 167-9337 Fluorosilicone seal

Front mount

Straight style



Series 727 Receptacle Attributes

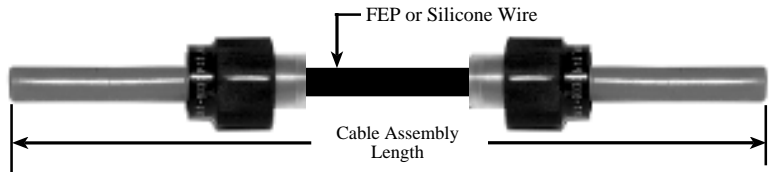
Operating voltage: 25 KVDC up to 70,000 ft.

Pressure: Sealed for 15 psi differential pressure

Ordering: Use the applicable Part Number

Mating: Mates all series 727 and LGH 1LI lead assemblies. Also mates all 25 KVDC rated Reynolds C727 lead assemblies; this combination will reduce the upper operating temperature from +125°C to +95°C

Cable Assemblies

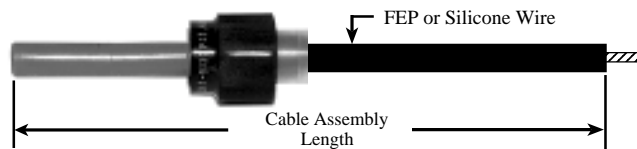


Series 727 Double-Ended Cable Assembly

P/N 167-8804 .180 FEP wire & P/N 167-9449 connectors

P/N 167-9333 .280 silicone wire & P/N 167-9330 connectors

P/N 167-8842 .180 FEP wire & P/N 167-8840 connectors using fluorosilicone rubber insulators



Series 727 Single-Ended Cable Assembly

P/N 167-8805 .180 FEP wire & P/N 167-9449 connector

P/N 167-9332 .280 silicone wire & P/N 167-9330 connector

P/N 167-8841 .180 FEP wire & P/N 167-8840 connector using a fluorosilicone rubber insulator

Series 727 Cable Assembly Attributes

Operating voltage: 25 KVDC up to 70,000 ft.

Test voltage: 25 KVDC @ 70,000 ft. (simulated). Ambient temp.

Mating connectors: Mates all series 727 receptacles and all LGH 1LI series receptacles. Also mates Reynolds C727 receptacle RC1535 ; 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 167-78804 10 feet 8 inches in length, is ordered as **P/N 167-8804-10F-8N**