



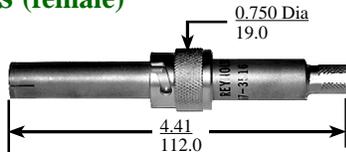
Series

521

20 KVDC

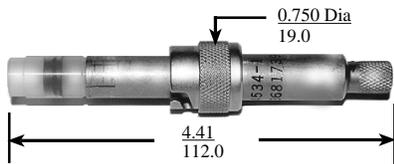
Sea Level and Reduced Atmospheric Pressure Versions
Operating Temperature:
-40°C to +85°C

Plugs (female)



P/N 167-3516 For sea level applications

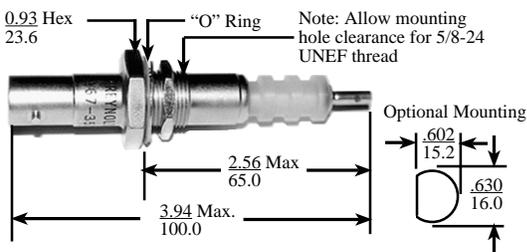
Voltage rating: 20 KVDC
Cable: RG 213/U or RG8/U. For RG 214/U or RG 9/U order connector **P/N 167-3516-1**
Braid termination: Crimp
Max. operating current: (RMS) 20 amps
Insulation resistance: 10⁶ megohms
Mating connector: All series 521 receptacles
For cable preparation and assembly instructions, see p. 44
Bulk cable: See p. 40 for ordering & specifications



P/N 167-4534 For reduced pressure applications

Voltage rating: 20 KVDC
Cable: RG 213/U. For RG 214/U cable, order **P/N 167-4534-1**
Braid termination: Crimp
Max. operating current: (RMS) 20 amps
Insulation resistance: 10⁶ megohms
Mating connector: All series 521 receptacles
For cable preparation and assembly instructions, see p. 44
Bulk cable: See p. 40 for ordering & specifications

Receptacles (male)



P/N 167-3517

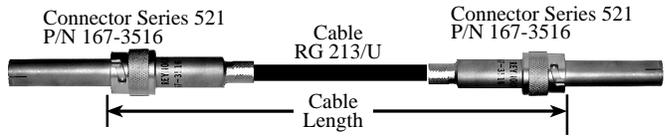
20 KVDC rated
Pressure: Sealed for 15 psi differential pressure. Max. Leakage: 1 X 10⁻⁶ cc/sec. He.
Mounting: Front mount. See mounting note
Mating connector: Mates all series 521 plug cable assemblies

Cable Assembly Ordering Information

Order by Part Number
Use "F" for feet, "N" for inches.
Example: Cable Assembly 178-7034 10 feet 8 inches in length, is ordered as **P/N 178-7034-10F-8N**

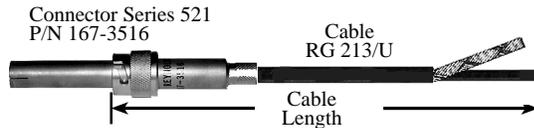
Bulk Cable: See p. 40 for ordering and specifications

Cable Assemblies



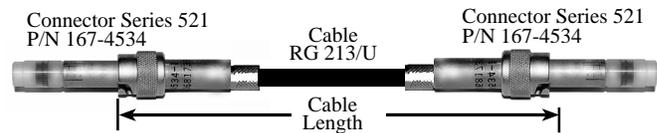
P/N 167-3638

Double-ended 20 KVDC cable assembly for sea level operation
Crimp braid termination
Uses RG213/U cable (shown). **Note:** For RG 214/U cable, please specify when placing cable assembly order
100% voltage test: 28 KVDC @ ambient temperature and pressure
Mates series 521 Panel connector **P/N 167-3517**
Ordering: See cable assembly ordering information



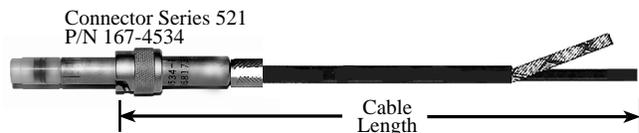
P/N 167-4450

Single-ended 20 KVDC cable assembly for sea level operation
Crimp braid termination and pigtailed
Uses RG213/U cable (shown). **Note:** For RG214/U cable, please specify when ordering cable assembly
100% voltage test: 28 KVDC @ ambient temperature and pressure.
Mates series 521 panel connector **P/N 167-3517**
Ordering: See cable assembly ordering information



P/N 167-4569

Double-ended 20 KVDC for reduced pressure operation
Crimp braid termination
Uses RG213/U cable (shown). **Note:** For RG214/U cable, please specify when ordering cable assembly
Mates series 521 panel connector **P/N 167-3517**
100% voltage test: 41 KVDC @ 70,000 ft. (simulated) & ambient temp.
Ordering: See cable assembly ordering information



P/N 167-4596

Single-ended 20 KVDC cable assembly for reduced pressure operation
Crimp braid termination and pigtailed
Uses RG213/U cable (shown). **Note:** For RG 214/U cable, please specify when ordering cable assembly.
Mates series 521 panel connector **P/N 167-3517**
100% voltage test: 41 KVDC @ 70,000 ft. (simulated) & ambient temp.
Ordering: See cable assembly ordering information