

**CENTURY+ SERIES**

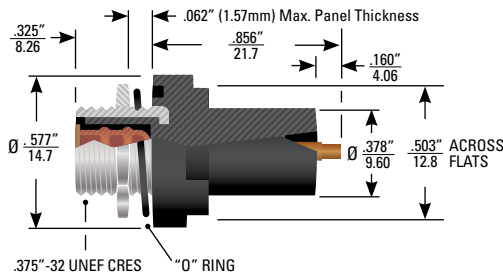
Century+ series is designed with a larger interface seal than what is used in the PeeWee series enabling it to be rated at 18 kVDC.

**RECEPTACLES**

(Dimensions shown as in/mm)

**178-9472**

- **Mating Torque:** 5 to 6 in-lbs
- **Panel Mounting Torque:** 8 to 10 in-lbs

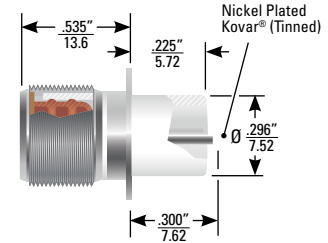


- **Max. Leak Rate:** 1x10<sup>6</sup> cc/s He @1 ATM differential pressure

**Ceramic-to-Metal Brazed, Hermetic**

**178-7541**

- Sealed for 1 ATM differential pressure
- **Max. Leak Rate:** 1x10<sup>8</sup> cc/s He @1 ATM differential pressure

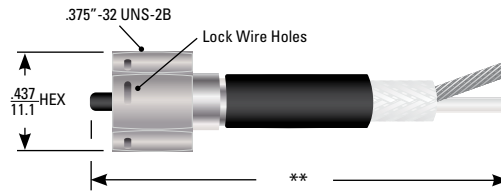


**CABLE ASSEMBLIES**

**Single-Ended, Shielded**

**178-9482**

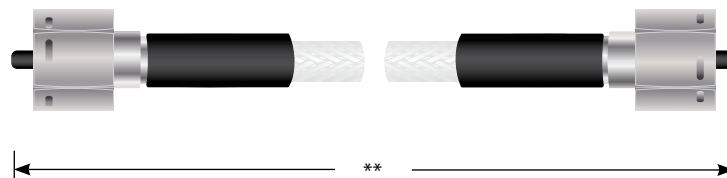
- Uses Wire 167-8726



**Double-Ended, Shielded**

**178-9483**

- Uses Wire 167-8726



**SERIES SPECIFICATIONS**

(• = Same value as above)

| Series   | Voltage Rating (kVDC) | Altitude Rating (ft) | Operating Temp. (°C) | Current Rating (Amp) | Receptacle Insulator Material | Plug Insulator Material | Coupling Style | Coupling Nut Material/Finish | Plug Contact Material/Finish (Socket) | Recept. Contact Material/Finish (Pin) | Wire Type | Wire Insulation | Braid Termination | Test Voltage @ 70,000 ft | Test Voltage @ Sea Level |
|----------|-----------------------|----------------------|----------------------|----------------------|-------------------------------|-------------------------|----------------|------------------------------|---------------------------------------|---------------------------------------|-----------|-----------------|-------------------|--------------------------|--------------------------|
| CENTURY+ | 18                    | 70,000               | -55 to 125           | 5                    | Plastic or Ceramic            | Plastic                 | Threaded       | CRES                         | BeCu/Au with CRES Hood                | Brass/Au or Kovar™                    | Shielded  | FEP             | Band              | 25                       | N/A                      |

**WIRE SPECIFICATIONS**

| Part Number | Operating Voltage (kVDC) | Conductor |         |         | Insulation |              | Shielding |         |              | Jacket   |              | Impedance Ω | Attenuation dB/100 ft @ 400mhz | Capacitance pF/FT (Nom.) @1k HZ |
|-------------|--------------------------|-----------|---------|---------|------------|--------------|-----------|---------|--------------|----------|--------------|-------------|--------------------------------|---------------------------------|
|             |                          | AWG       | Strands | Plating | Material   | ø in./mm     | AWG       | Plating | ø in./mm     | Material | ø in./mm     |             |                                |                                 |
| 167-8726    | 25                       | 22        | 19/34   | SPC     | FEP        | 0.100 / 2.54 | 36        | SPC     | 0.120 / 3.05 | FEP      | 0.145 / 3.68 | 50          | N/A                            | 29.3                            |

**\*\*Cable Assembly Ordering Information:** All cable assembly cable lengths are to be specified in inches only. For example, to order part number 178-6027 with a cable length of 10 feet 8 inches the cable assembly part number would be specified as 178-6027-128N.

• **Note:** Product numbers and specs subject to change without notice. • Products listed represent only a small selection of Teledyne Reynolds' products please visit [www.teledynereynolds.com](http://www.teledynereynolds.com) for the most up to date product information. • Contact Teledyne Reynolds' Engineering to discuss custom designs. **WARNING:** Connectors should **NEVER** be handled mated or unmated when voltage is applied. Kovar is a registered trademark of the Carpenter Technology Corporation.