

CENTURY+ SERIES

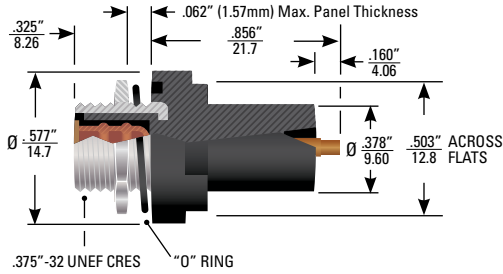
Century+ series is designed with a larger interface seal than what is used in the PeeWee series enabling it to be rated at 18 kVDC.

RECEPTACLES

(Dimensions shown as in/mm)

178-9472

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

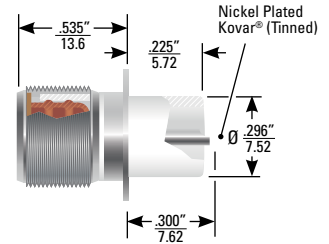


- **Max. Leak Rate:** 1x10⁻⁶ cc/s He @1 ATM differential pressure

Ceramic-to-Metal Brazed, Hermetic

178-7541

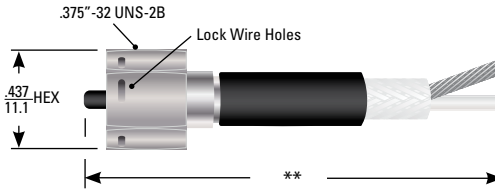
- Sealed for 1 ATM differential pressure
- **Max. Leak Rate:** 1x10⁻⁸ cc/s He @1 ATM differential pressure



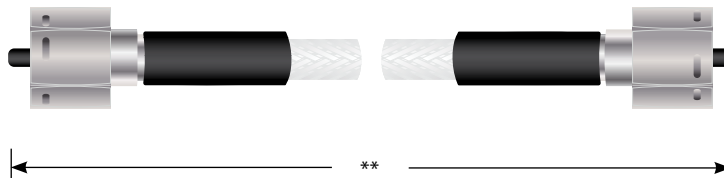
CABLE ASSEMBLIES

Single-Ended, Pigtailed

178-9480 Uses Wire 178-8781



Double-Ended



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 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.