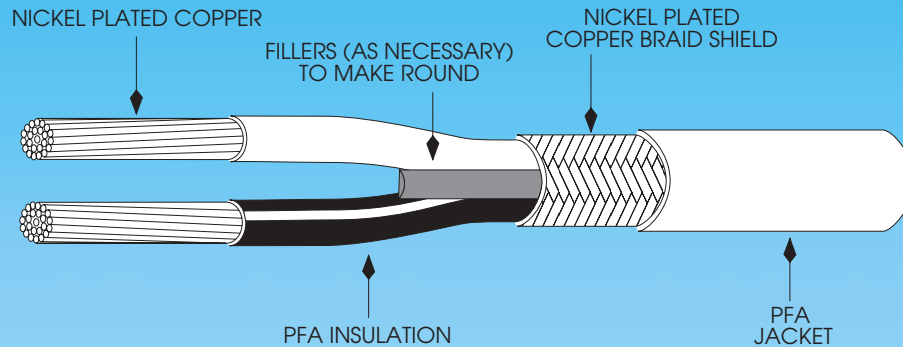


Shielded Sensor Wire PFA/PFA

TWO CONDUCTOR
600V



Cable Usa P/N	AWG	Stranding	Nominal Cable O.D.	Approx. WT LBS./MFT	Impedance/ Capacitance
812602C6.PFA	26	7/.0063	.131	15	83/18
812402C6.PFA	24	19/.0050	.141	17	70/21
812202C6.PFA	22	19/.0063	.155	20	63/23
812002C6.PFA	20	19/.0080	.171	23	55/27
811802C6.PFA	18	19/.0100	.193	28	52/28
811602C6.PFA	16	19/.0113	.209	31	51/29
811402C6.PFA	14	19/.0147	.237	38	45/33

PRODUCT FEATURES:

Cable USA Sensor Cable is a shielded two conductor cable designed to meet the demanding industrial environment. The signal and power are carried on one lead and the signal return on the other lead. The shield should be grounded at only one point, normally to the sensor housing, and serves to protect the signal from ESD and EMI. **Cable USA** Sensor Cables are insulated with PFA and offer excellent dielectric properties, heat resistance, flexibility, low coefficient of friction, non-stick characteristics, low flammability, and performance at temperature extremes (-196°C – 260°C).

- **Conductors:** Stranded nickel-plated copper per ASTM B-33. Standard strandings are shown. Optional strandings are available upon request.
- **Primary Insulation:** Extruded PFA – Perfluoroalkoxy Fluoropolymer.
- **Color Code:** One conductor black, one conductor white. Fully pigmented. Other color codes available upon request.
- **Shielding:** Braid of 38 AWG nickel-plated annealed copper wire, 85% minimum coverage. Optional dual isolated shields (braid plus aluminum backed with kapton with drain wire available).
- **Overall Jacket:** Extruded PFA. Standard color is black. Other colors available.
- **Cable Options:** Stainless steel overbraid. Thermocouple alloys, marker tape, print legends, larger sizes and number of conductors available. Silicone rubber jacket for enhanced flexibility.