

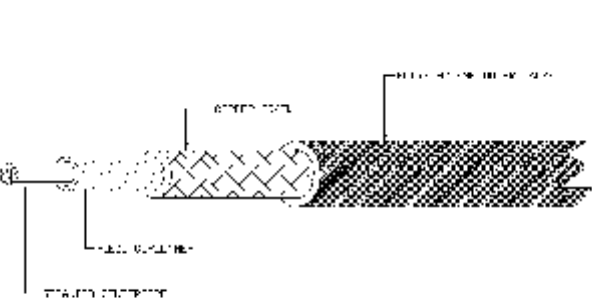
# Piezo Polymer Coaxial Cable

Piezo cable is an alternative form of piezo polymer sensor. Designed as a coax cable, the piezo polymer is the "dielectric" between the center core and the outer braid. When the cable is compressed or stretched, a charge or voltage is generated proportional to the stress.

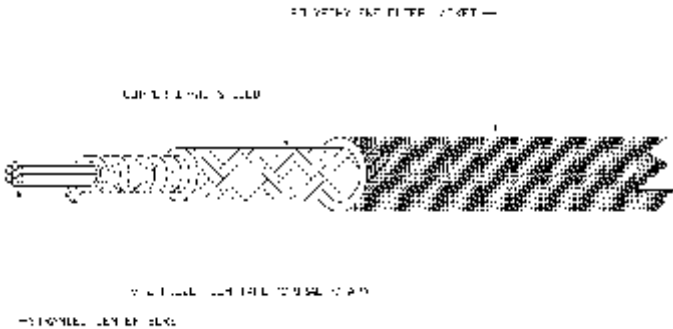
Piezo cable has a number of advantages in certain applications. Due to its coaxial design, the cable is self-shielded, allowing its use in a high EMI environment. The piezo cable can be spliced to passive coax, using standard coax splice techniques. It is extremely rugged, and will withstand repeated impacts. Its linear format makes it ideal for monitoring large areas which would be difficult and more expensive to do with piezo film.

Continuous lengths of piezo cable is available in a variety of different gages and construction formats. As a standard product, it is offered as a 20 AWG center core with a polyethylene outer jacket

We offer two versions of the piezo cable: copolymer and spiral wrap. Detailed specification sheets are available from our website.



20 AWG CABLE - COPOLYMER



20 AWG CABLE - SPIRAL WRAP

Description	Dimensions (Nom)		Capacitance pF/Foot (Nom) [pF/Meter]	Part No.	Price per meter (US \$)
	Center Core	Outside Dia.			
20 AWG Piezo Cable	.040 [1]	.107 [3]	200 [655]	0-1005646-1	\$16.50 (1-500 meters)*
20 AWG Piezo Cable - spiral wrap construction	.040 [1]	.105 [3]	279 [980]	0-1005801-1	\$12.50 (1-500 meters)*

\*Please contact factory for custom part quotations and volume pricing.