

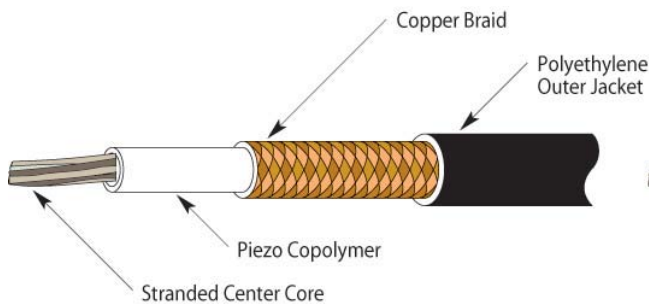
# Piezo Polymer Coaxial Cable

Piezo cable is another form for piezo polymer sensors. 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.

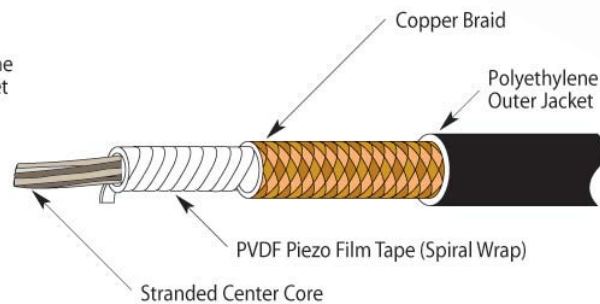
Piezo cable has a number of advantages in certain applications. Due to its coaxial design, the cable is self-shielded, allowing its use in a high EMI environment. The piezo cable can be spliced to passive coax, using standard coax splice techniques. It is extremely rugged, and will stand up to heavy loads as with truck axle counting. Its linear format makes it ideal for monitoring large areas. Two versions of the piezo cable are offered, copolymer and spiral.

Detailed specification sheets are available on our website: [www.meas-spec.com](http://www.meas-spec.com).

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.



20AWG Cable-Copolymer



20AWG Cable-Spiral Wrap

## DIMENSIONS in INCHES (mm)

Description	Dimensions		Capacitance pF/ft (pF/m)	Part Number	Low Volume Price (US \$) (per meter)
	Center Core	Outside Dia.			
AWG Piezo Cable (copolymer)	.040 (1.02)	.107 (2.72)	200 (655)	1005646-1	\$25.00 (per meter)
AWG Piezo Cable (spiral)	.040 (1.02)	.105 (2.67)	279 (980)	1005801-1	\$15.00 (per meter)

Effective: April 1<sup>st</sup>, 2008

Please contact factory for custom part quotations and volume pricing.

# Distribuidor

Brasil e América do Sul

## CONTATO

### Endereço

Rua Sete de Setembro, 2671 - Centro  
13560-181 - São Carlos - SP - Brasil

### Telefone

+55 (16) 3371-0112

### Fax

+55 (16) 3372-7800

### Internet

[www.metrolog.net](http://www.metrolog.net)  
[metrolog@metrolog.net](mailto:metrolog@metrolog.net)

