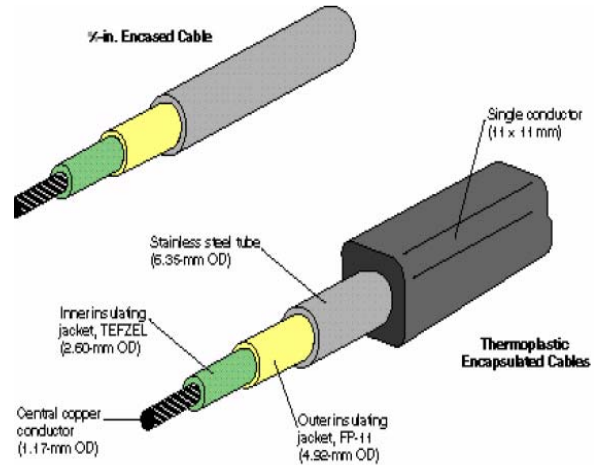


## DOWNHOLE (TEC) CABLE

The encapsulated Permanent downhole cable is a single conductor cable with a very low resistance that ensure high sensitivity of the Quartz gauge.

Consistent with industry standards, the Downhole Instrument Cable is used almost exclusively throughout the permanent monitoring industry.

The cable is made up of four main constituent parts, insulated conductor, filler material, a cable sheath, and an optional outer encapsulation material



## Specifications

<b>Conductor:</b>	16 AWG Solid Copper.
<b>Insulation:</b>	200°C Rated Teflon FEP. <b>OD:</b> 0.102"
<b>Armor:</b>	Inconel A825 Welded Cylindrical Tube. <b>OD:</b> 0.250"
<b>Wall thickness:</b>	0.049"
<b>Maximum Burst pressure:</b>	32kpsi
<b>Maximum collapse pressure:</b>	27kpsi
<b>Encapsulation:</b>	Santoprene 203-50 <b>OD:</b> 0.43" 135°C Max.
<b>Conductor resistance:</b>	5ohms/1,000 ft @ 200°C
<b>Voltage:</b>	1,000 VDC max.