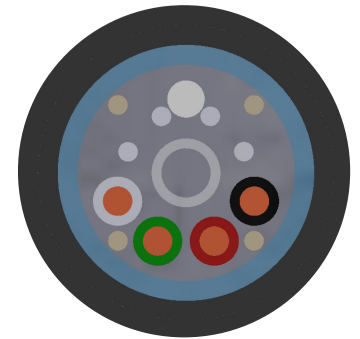




## NEW KPSI HYBRID SUBMERSIBLE CABLE

- EXCELLENT FOR LONG TERM WATER IMMERSION
- SUITED FOR OVERMOLD ADHESION
- EXTREMELY FLEXIBLE AT LOW TEMPERATURES
- MATTE CABLE FINISH FOR EASE OF INSTALLATION

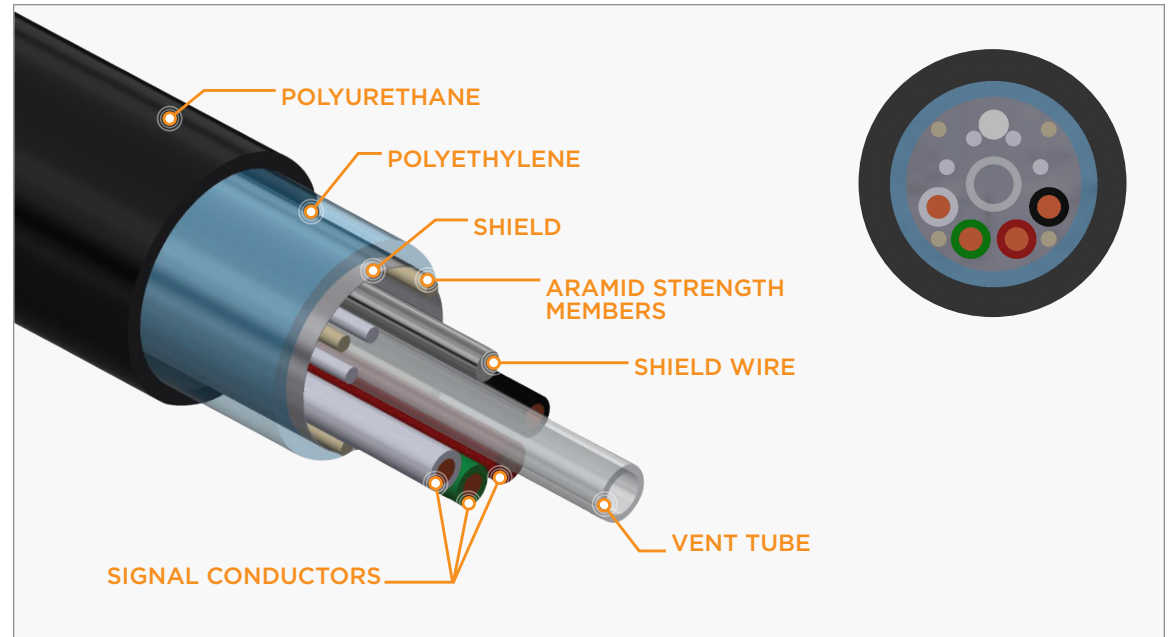


# NEW KPSI HYBRID SUBMERSIBLE CABLE

Hydrostatic environmental water monitoring transducers use vented polyurethane jacketed cables which inherently absorb moisture. Over time, these cable jackets become saturated, allowing moisture to slowly migrate into the transducer reference cavity causing measurement errors or electrical failure, after years of deployment. Efforts to improve the cable's resistance to moisture include adding costly gel or filler materials into the cable. Some jackets also include material to create an outer matte finish for ease of installation where installation space is limited, which typically increases water absorption over time.

TE Connectivity (TE) has a long history and experience in laying transatlantic communications cables and has designed and created a waterproof polyurethane jacketed cable for use with submersible pressure transducers. KPSI transducers are the only transducers for use in waste water treatment, municipal water management and water resources, integrated with this hybrid dual layer transducer cable. This cable blocks water from entering into the core of the cable, not just absorbing the water that it is exposed to over time.

TE's hybrid submersible cable for KPSI transducers, incorporates a chemically modified polyurethane, black matte finish outer cable jacket and a secondary waterproof Rayoline U-XL jacket, which is commonly used on undersea cables connecting continents for high speed internet and telephone communications. Our hybrid submersible cable is excellent for long term water immersion, suited for overmold adhesion, extremely flexible at low temperatures and comes with the matte finish for ease of installation.



Specification	Measurement	Note
Outer Diameter	0.29	Inch
Number of Conductors (Including Drain)	3 or 5	Copper with Tin Drain
Vented	Yes	1/16" ID
Strength Members	Aramid	(Qty 4) 1/64"
Total Breaking Load	0.96 (97.9)	kN(kg) Min.



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