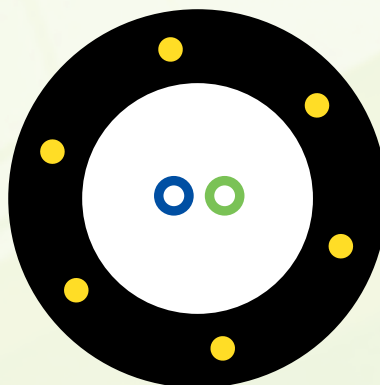




Product Overview

TTECH has added in fiber optic sensor cable to its fiber optic cable product range. Fiber optic sensor cable is used to connect fiber-optic sensor system to a remote sensor or or amplifier.

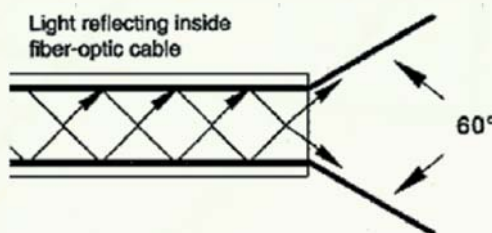
The fiber optic sensor cable transports the light into and out of areas that are either too space constrained or too hostile back to the sensor. The sensor emits, receives, and converts the light energy into an electrical signal.

Features

- TTECH fiber sensor cable is essentially a passive, mechanical component of a fiber-optic sensing system. It contains neither moving parts nor electrical circuitry and thus completely immune to all forms of electrical interference.
- This is an ideal way to isolate the sensing system electronics from known sources of electrical interference.
- No possibility of a spark, allowing its safe use even in the most hazardous sensing environments such as oil refineries, gated housing communities or town ships, mining operations, pharmaceutical manufacture, chemical processing plants.

Advantages

- Front access design provides easy patching
- Flip through splice trays allows easy maintenance
- Slide out design for easy access during maintenance
- Interchangeable side bracket alllows 19", 21" and 23"
- Various types of adapter available



Specification

Cable Count	Outside Diameter (MM)	Diameter (um)	Weight (KG)	Minimum allowable Tensile Strength (N)		Minimum allowable Crush Load (N/100mm)		Minimum Bending Radius (MM)		Storage Temperature (°C)
				Short Term	Long Term	Short Term	Long Term	Short Term	Long Term	
02	6.0	250	15.00	600	200	1000	200	20d	10d	-20+60
04	6.0	250	15.00	600	200	1000	200	20d	10d	-20+60

Optical Characteristics

Fiber Type	Multimode	G.651	A1a:50/125	Graded-index fiber
			A1b:62.5/125	
	Singlemode	G.652(A/B/C/D)		B1.1:Conventional fiber
		G.653		B2: Zero dispersion shifted
		G.654		B1.2 :Cut-off wavelength shifted
	G.655		B4: Main technical data for positive	