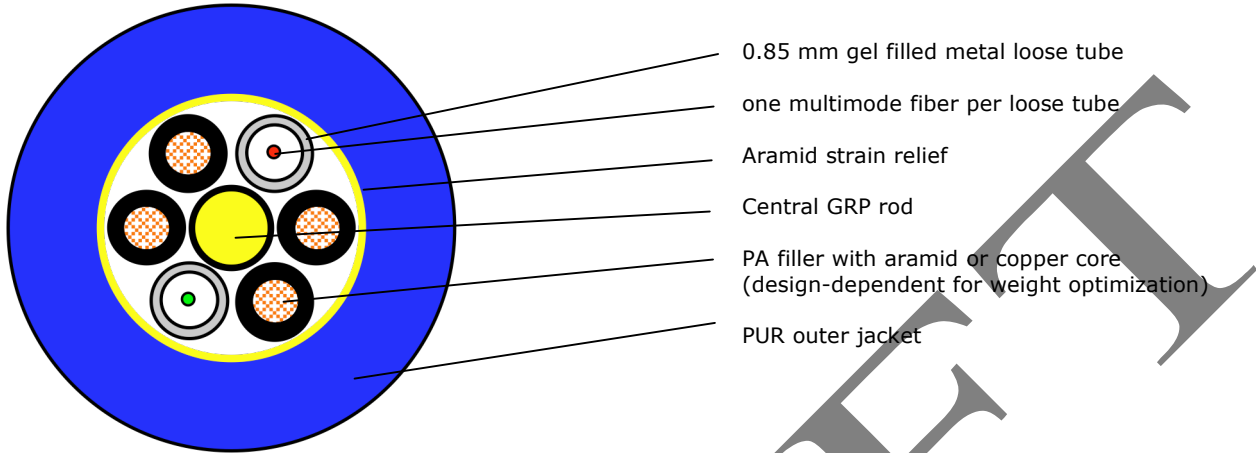


BRUsens mobile temperature sensing cable

Stranded metal loose tubes



Features:

- small, lightweight cable for mobile temperature sensing applications in harsh environment
- cable is designed for use in fresh water and shallow seawater application
- flexible stranded core
- fast temperature transfer to fibers
- Central GRP rod providing support and minimum stiffness
- rugged stranded PA fillers, providing better crush resistance
- stranded loose tubes with optimum hermetic seal, low thermal expansion and therefore minimized stress on fibers
- improved rodent resistance through PA fillers and metal loose tubes
- stranded double layer aramid strain relief
- cable is optimized for use in water environment
- abrasion resistant polyurethane outer jacket with meter marking

Advantages:

- minimized outer diameter
- flexible design through stranded core
- version with aramid fillers can be placed on backpack for deployment
- version with copper fillers is optimized for underwater deployment
- higher kink resistance
- cables lays flat, limited memory effect

Temperature range:

- Operating temperature approx: -40° ... +85°C
- Storage temperature approx: -40° ... +85°C
- Installation temperature approx: 5° ... +50°C
- Short term temperature approx: (max.60min) -50° ... +150°C

Optical Fiber:

- Multimode fiber: ITU-T G.651, GI 50µm/62.5µm
- Singlemode fiber: ITU-T G.652.D

Technical data

Type	Max. no. of fibers units	Cable Ø mm	Weight kg/km	Max. tensile strength	
				short- term N	long- term N
2F	2	4.6	22 ⁽¹⁾ , 26 ⁽²⁾	1000	600

⁽¹⁾ cable version with aramid fillers

⁽²⁾ cable version with copper fillers

Optical fiber data (cabled)

tbd

Subject to changes without notice

2009/06