

# BRUsens Temperature

3.50.1.006

## High-resolution temperature sensing cable

2 special bend optimized multimode sensing optical fiber, protected with additional strain relief and an additional dielectric sheath

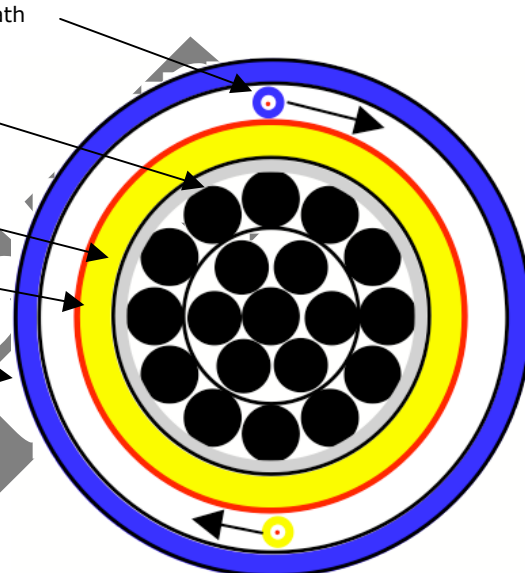
Special lightweight stranded (1/6/12) non-metallic core

Special strain relief optimized for rough handling during installation (yellow)

Soft dielectric bedding layer (red)

PUR protective outer sheath for easy temperature transfer to the fiber

Outer cable diameter approx 26.60 mm



**Advantages:**

**High resolution temperature sensing cable with fiber to cable ratio of approx. 10 : 1**

Flexible sensing cable for easy handling in rough environment

**Temperature range:**

Operating temperature approx: -40° ... +85°C  
 Storage temperature approx: -40° ... +85°C  
 Installation temperature approx: 5° ... +50°C

**Technical data**

Type	Max. no. of fibres units	Cable Ø mm	Weight kg/km	Max. tensile strength	
				short term N	long term N
2F	2	26.60	530	to be defined	to be defined

Type	Min. bending radius		Max. crush resistance N/cm
	With tensile mm	Without tensile mm	
2F	to be defined	to be defined	to be defined

