High-Temperature Sensing Fiber Optic Cable

Other Specialty Cables

The cable carries sensing fiber through areas exposed to elevated temperatures. The mechanical limits and thermal rating apply to the cable construction.



Technical specifications

Product model	GTFKE-lXn (Xn indicates fiber type)
Cable outside diameter (mm)	3.0±0.1
Cable mass (kg/km) (Reference value)	20
Attenuation (dB/km)	≤3.0/1.0 @850/1300 nm
Tensile load (Short-term / Long-term) (N)	400/200
Crush load (Short-term / Long-term) (N/100 mm)	3000/2000
Minimum bend radius	Static: 10 × cable diameter; dynamic: 20 × cable diameter
Operating temperature (°C)	-60 to +150