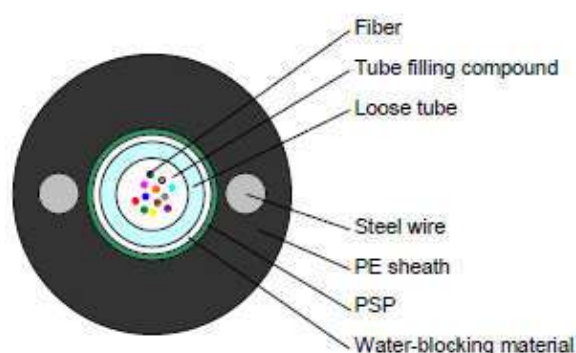


FenceSentry™ Fence Mounted – Sensing Cable

The FenceSentry™ sensing cable is optimised to work with Kifta's fence mounted Distributed Acoustic Sensing system. It has been designed to achieve the balance to provide sufficient robustness to work in a harsh field environment but to provide the sensitivity to detect intrusion events.



CABLE DESCRIPTION

Attenuation	G652	$\leq 0.36 \text{ dB/km @1310nm}$	$\leq 0.22 \text{ dB/km@1550nm}$
	G655	$\leq 0.40 \text{ dB/km @1310nm}$	$\leq 0.23 \text{ dB/km@1550nm}$
	50/125	$\leq 3.0 \text{ dB/km @850nm}$	$\leq 1.0 \text{ dB/km@1300nm}$
	62.5/125	$\leq 3.3 \text{ dB/km @850nm}$	$\leq 1.0 \text{ dB/km@1300nm}$

Bandwidth	50/125	$\geq 400 \text{ MHz-km @850nm}$	$\geq 800 \text{ MHz-km @1300nm}$
	62.5/125	$\geq 160 \text{ MHz-km @850nm}$	$\geq 500 \text{ MHz-km @1300nm}$

Tensile Strength	Long Term	600 N
	Short Term	1500 N
Crush Resistance	Long Term	300 N/100mm
	Short Term	1000 N/100mm

Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +70°C
Bending Radius	Static 10×Dia.
	Dynamic 20×Dia.

Cable Diameter	approx. 8.7 mm
Cable Weight	approx. 82 kg/km
Sheath Thickness	average 2.2 mm