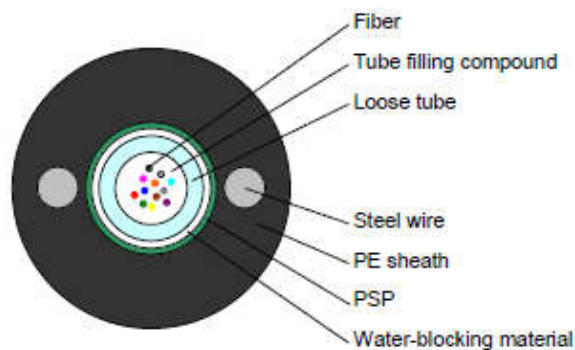




# FenceSentry™ Fence Mounted – Sensing Cable

The FenceSentry™ sensing cable is optimised to work with Bandweaver’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	≤ 0.36 dB/km @1310nm	≤ 0.22 dB/km@1550nm
	G655	≤ 0.40 dB/km @1310nm	≤ 0.23 dB/km@1550nm
	50/125	≤ 3.0 dB/km @850nm	≤ 1.0 dB/km@1300nm
	62.5/125	≤ 3.3 dB/km @850nm	≤ 1.0 dB/km@1300nm

Bandwidth	50/125	≥ 400 MHz-km @850nm	≥ 800 MHz-km @1300nm
	62.5/125	≥ 160 MHz-km @850nm	≥ 500 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