Open site; sparse woods to grassland

Dense to sparse forest

Ca. 400 m

Vertical T of soil/snow

Total length of fibre-optic cable: 2.7 km
(multi-mode, GI50/125, dual core)

Individual measurement (every 10 sec) is averaged over a measurement cycle (30 min, in this study)

Dual (looped) mode

Ch. 1

Ch. 2

Alternately

DTS equipment
(AP SENSING N4386B)

10-m seg. in a 0°C insul. box for calibration