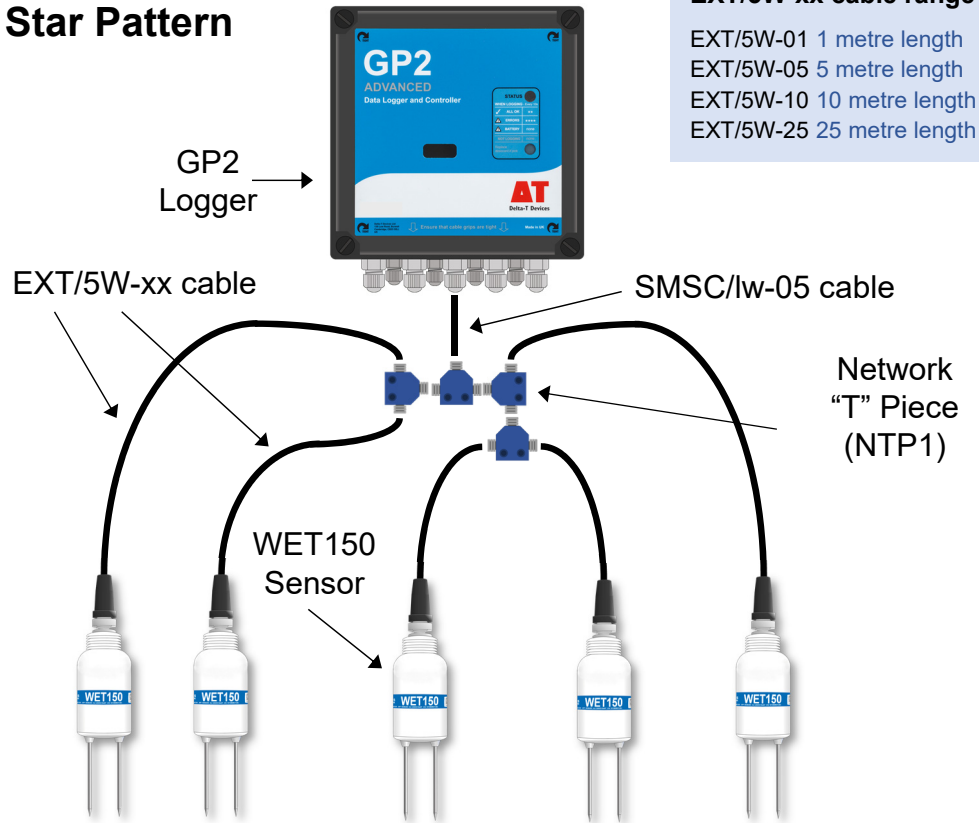
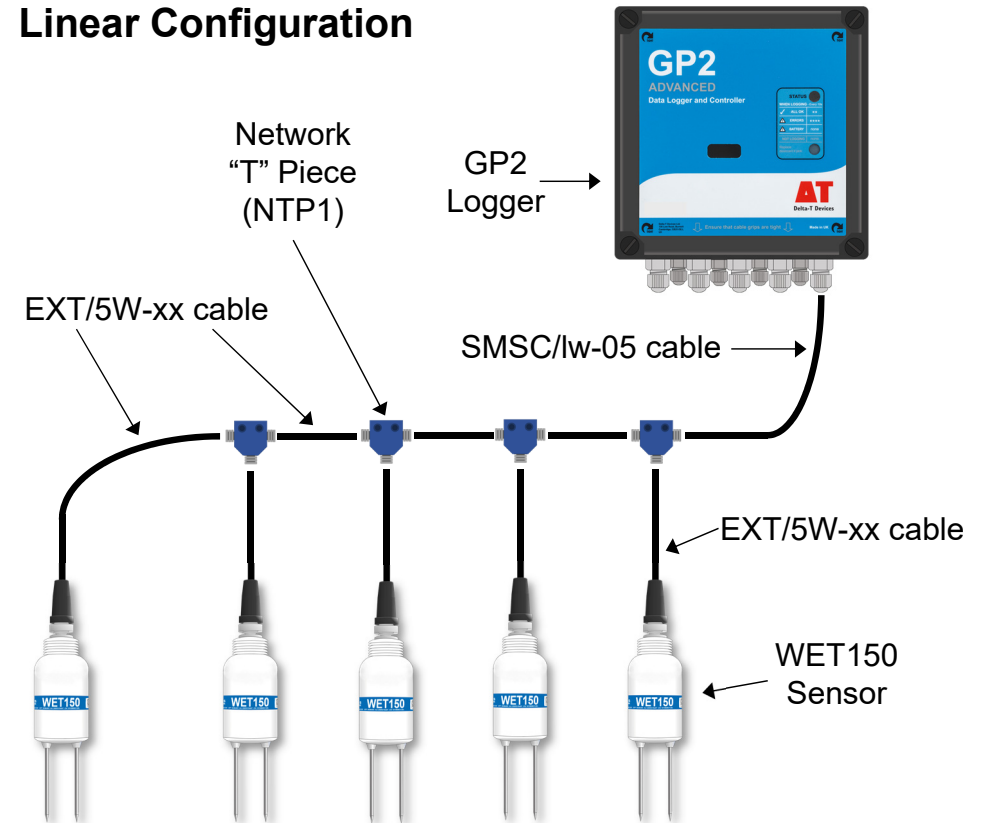


# Options for connecting WET150 SDI-12 sensors to a GP2 Data Logger

## Star Pattern



## Linear Configuration



### Notes

Whilst a single WET150 sensor can be connected to a WET150 meter, multiple sensors can be connected to an SDI-12 logger - and this usually leaves any analogue channels free for other sensors.

The SDI-12 standard states that at least 10 sensors with 61 metres of cable can be connected in a star pattern. However, there is no defined maximum number of sensors or cable lengths as it ultimately depends on the system loading and the supply voltage, cable type, environmental parameters and proximity to noise. However, a theoretical maximum number of sensors is defined by the number of possible sensor addresses - which limits you to 62.

Delta-T have tested 15 x WET150 sensors, each 5 metres apart on a 245m main cable run (320 m of cable in total). Delta-T have tested 35 x WET150 sensors in a star configuration, each connected using 2 m of cable

See the WET150 manual for decisions on whether to use sequential or concurrent measurements, wiring diagrams and warm up times.