

# MultiBox connection box

MultiBox is a part of the *Wideco Security System* which is a complete moisture monitoring system for insulated pipelines with alarm units from the simplest measuring box to units for advanced communication with a central computer via telephone network, signal cables, GPRS or Ethernet.

**MultiBox** is a connection box with earth connection to the pipe which simplifies the connection of alarm wires to coaxial cable / signal cable. The multi box exists in different designs.

**MultiBox C2** is used for the connection of our RedDetect system units to coaxial cables, alarm wires and media pipes.

**MultiBox S2** is used to connect the alarm units AU 756 and AU 756-2 to alarm wires and media pipes.

**MultiBox M1** is used to connect alarm wires at a measurement point. At manual measurements the alarm wires does not need to be disconnected. With a switch on the box, the loop can easily be broken.

The MultiBoxes should be assembled directly on the media pipe and are placed where the alarm wires are easily accessible. With the use of the unit's banana jacks the district heating or district cooling alarm wires are easily connected to the box.

Portable equipment, for example an ohm meter or TDR – meter for manual measurements, can be connected via the banana jacks. The MultiBox will be grounded by welding the earth connection to the media pipe.

**Advantages:**

- Simple assembly!
- Simple connection of portable test equipments!



MultiBox C2 (for coaxial cables)



MultiBox S2 (for signal cables)



MultiBox M1 (for measuring points)