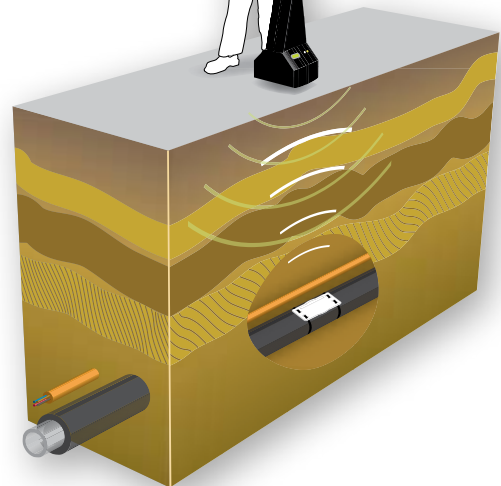




# INTELLIFINDER<sup>id</sup>

- the intelligent Finder



## Find the right installations quickly!

A new system based on RFID technology (Radio Frequency Identification) makes it possible to label underground cables, sockets, joints and underpasses, etc. so that they can be found again quickly and dependably.

The solution has been developed by Dansk Fiber Optik A/S in co-operation with DIO Systems A/S. We have solid foundations and a deep pool of experience built up over 20 years in the fibre- and electrical industry.

### Benefits

- Quick and precise locating
- Less reconstruction by excavation
- Mobile solution
- Each data tag has its own unique code
- A life of minimum 30 years

## IntelliFinder ID

The system consists of a Finder, a data Tag and a software solution. The data tag communicates with the finder via radio waves transmitting precise information about its location. When activating the finder, concealed installations or fibre cables are quickly located, whether the ground surface is paved or snow or ice covered.

It is also possible to connect GPS positions to overall locations.

The system can be supplemented by creating databases, containing information about the installations, or the system can be adapted to existing operating and maintenance system, if any.

As an example, information about the person who has performed a repair, how it was performed, when and why.

## Versatile applications

IntelliFinder ID has been developed for applications in the building and construction industries, but it features a much broader spectrum of applications.

It can for example be used for registration and for continuous quality assurance of large technical installations in airports and shopping centres.

## Accessories

Spacer: The spacer increases the registration space and thereby the bury depth.

PDA: Robust industrial PDA for displaying information from the IntelliFinder ID.

Bluetooth USB: USB adapter for receiving Bluetooth signals within a range of up to 100m.

Table antenna: Small and very easy-to-handle IFID tag reader, comes in table model design.



## Technical specifications

### IFID tag dimension:

111 x 150 x 8 mm.

### Unique code:

Pre-programmed 10 cipher ASCII code.

### Life expectancy if installed underground:

Minimum 30 years at normal environmental impact.

### Bury depth:

0 - 95 cm. below ground level

### Location:

0 - 30° in relation to horizontal.

### Temperature:

-40°C - +85°C

### Weight:

130 g.