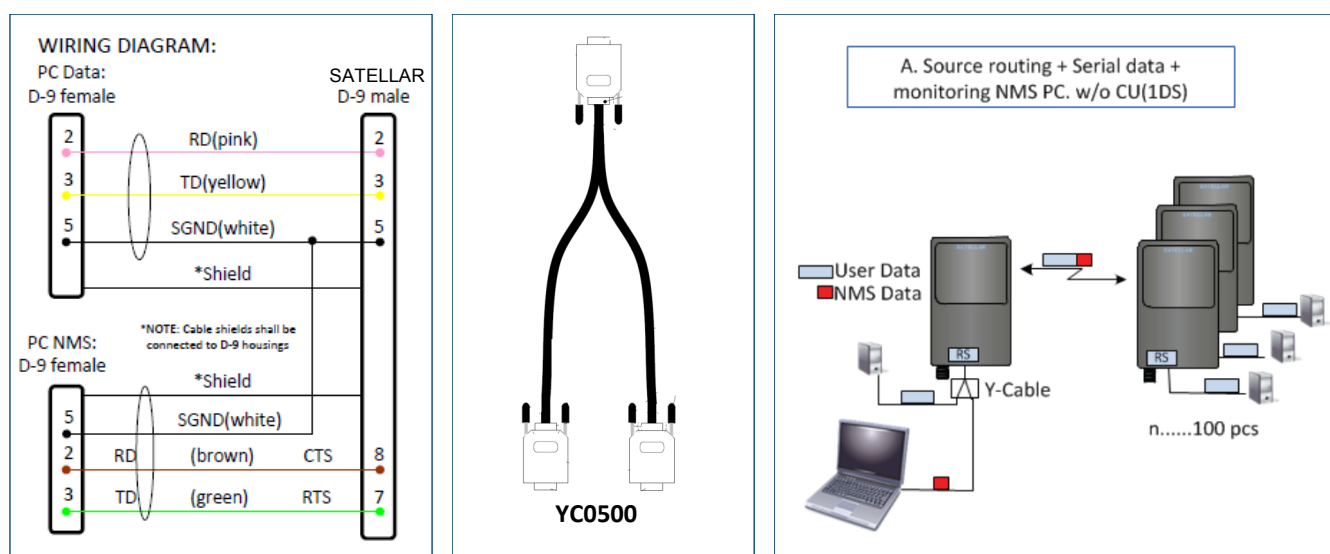**SATEL®**

SMART RADIO

I have a SATELLAR–1DS/10DS in the Source Routing mode.
Am I able to do simultaneous data transfer and NMS monitoring?

SATELLAR-1DS SERIAL PORT PIN OUT AND RS-232 INTERFACE

SATELLAR-1DS has a 9 pin female D9 physical serial port. Logically this can be utilized by two internal RS-232 ports by allocating TD/RD pins to one port and CTS/RTS pins to another port. In RS-232 mode, these ports can be assigned for example for DATA and NMS monitoring. **In this case simultaneous DATA and NMS monitoring is possible**. The Y-cable that allows accessing both ports at the same time is called YC0500.

RS-485/422 AND NMS MONITORING

When the SATELLAR-1DS 's physical serial port is set to RS-485/422 mode, only one serial port will be available. This is due to a technical feature of the RS controller chip.
Therefore in RS-485/422 mode simultaneous DATA and NMS monitoring is not available.

IDENTIFYING THE RS-485/422 MODEL

SATELLAR versions with RS-485 port can be identified by the label below the serial interface. The D-9 serial interface is located at the bottom of the radio unit (RU). The label states the serial interface protocols supported, as presented in the following image.