

Belden Cable to use with INCON Equipment

Franklin Fueling Systems requires the use of cable with specifications listed below when installing INCON components. It is required to follow the specifications below. Please consult the cable manufacturer for specifications.

Note: Follow all local and recommended National Electric Code procedures and requirements.

INCON components that use shielded twisted pair cable

- Probes (TSP-LLS)
- Line Leak Transducers (TS-LSU500)
- Discriminating Magnetostrictive Sensor (TS-DMS)
- Vapor Pressure Sensors (TS-VPS)
- Vapor Flow Meters (TS-VFM)

Common Cable Specifications

- Shielded Twisted Pair
- Wire must be 22AWG or greater
- Cable jacket must be oil/water resistant

For cable runs up to 500 feet

- Capacitance is rated less than 100 picofarad (pF) per foot
- Inductance is rated less than 0.2 μ H/ft.

Examples of Belden cable that meet these requirements are:

- 87760, 87761

For cable runs up to 1,000 feet

- Capacitance is rated less than 60 pF per foot
- Inductance is rated less than 0.2 μ H/ft.

Example of Belden cable that meet these requirements:

- 88760, 8760, 8770

For cable runs up to 1,500 feet

- Capacitance Conductor to Conductor is rated less than 20 pF per foot
- Inductance is rated less than 0.3 μ H/ft.

Example of Belden cable that meet these requirements:

- 89182

Please contact FFS Technical Support at 800-984-6266 for assistance.

