



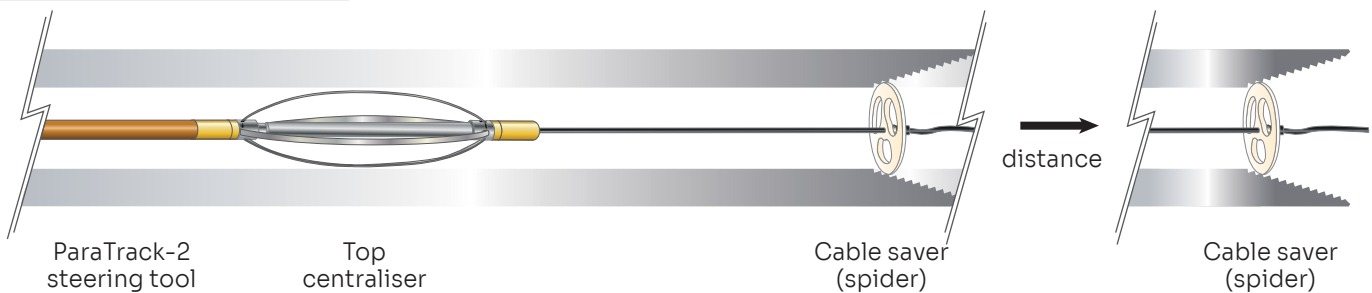
**Benefits**

- Reduces possible short circuits/cable breaks
- Reduces tripping due to reduced cable breaks
- Should a break occur, tripping is only necessary to the spider below the break
- Increases overall confidence on long and difficult crossing

Cable savers or 'Spiders' as they are commonly known, are used in the horizontal drilling industry during the pilot hole drilling procedure. Typically a wire is installed through the drill string to allow communication with the steering tool, located behind the BHA.

During long drillings or crossings where a high mud flow and pressure are present in the drill string. It is recommended to place a spider at the first connection behind the steering tool and at regular intervals thereafter.

The first spider prevents any slack or stretch from coming into contact with the sharp centraliser blades of the steering tool hence preventing eventual short circuits. After a predetermined interval the next spider is positioned on the wire prior to a wire connection being made and any slack pulled out before the Spider is clamped to the wire and allowed to rest in the bottom of the box connection.



Cable saver (spider) as situated in the box of the pipe

**Specifications**

**Sizes available**

- 2 7/8" IF
- 3 1/2" IF
- 4 1/2" IF
- 6 5/8" FH
- 5 1/2" FH
- 6 5/8" Reg

**Material**

Epradur Multilene (Abrasion resistance, Water absorption resistance)

**Minimum operational temperature:** -50°C

**Maximum operational temperature:** 80°C

**Tensile strength at yield:** 20 N/mm<sup>2</sup>

\* Spiders only fit in standard shouldered API connections and not suitable in double shouldered connections