

Extendable floating roof connector cables

Signaline extendable / retractable cables are manufactured specifically for floating roof petro-chem storage tanks. The floating roof rises and falls as the tank fills and empties. To allow for this movement, an extendable / retractable cable is used to connect the Heat Sensing cable fitted around the circumference of the floating roof with a junction box at the top of the tank. As the roof drops lower, the spring like cable extends and as the roof rises the cable retracts into a closed spring coil.



Standard Specification

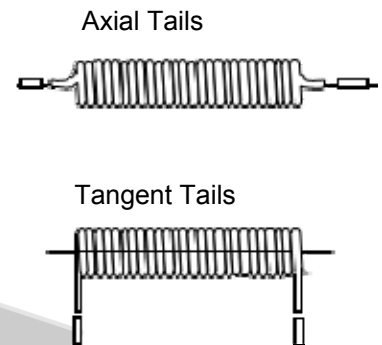
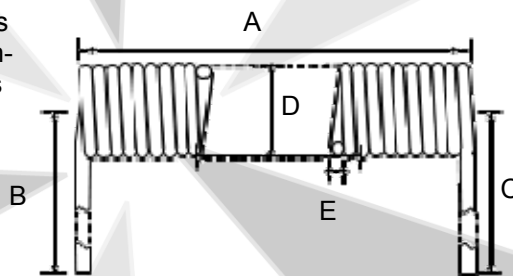
Cable Voltage	12 – 24 Vdc
Outer Sheath Material	Hytrell
No of Cores	4
Conductor Size	0.75mm ²
Coil Diameter	200mm
Axial Short end tail	1.5metres
Axial Long end tail	5.5 metres
Extended Length	Customer to specify
Operating Temperature	- 40°C to +80°C

Options

Customer to specify
Customer to specify
Tail length; tangent tails
Tail length; tangent tails

Signaline extendable cables are made to order to accommodate different tank sizes and designs

Closed coil length (A)
Tail length (B)
Tail length (C)
Coil diameter (D)
Cable diameter (E)



Signaline extendable cables are designed to withstand harsh environment, oil, grease and similar chemicals. They are not prone to flap in strong winds. The above specification will meet the requirements of most floating roof applications. For specialist applications please provide our sales office with your requirements.

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