

Electrical heating cable for cross country pipelines.

LONGLINE R-HV

Series Resistance Heating Cables

- 230°C continuous exposure temperature withstand.
- Up to 6.6kV / 3.81kV 3PH / single phase supplies.
- Very high mechanical strength.
- Fire resisting continuous metal jacket.

FEATURES

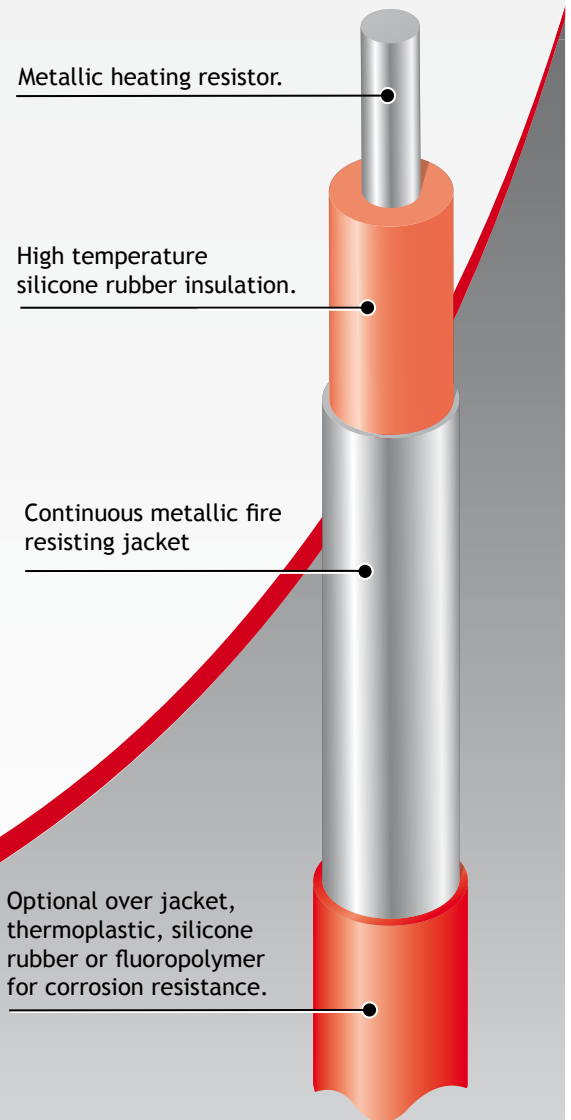
LONGLINE R-HV round heating cables are high performance series resistance heaters for multi km pipelines where temperature maintenance or freeze protection is required.

Circuit lengths of up to a hundred kilometre are possible from a single electrical supply point.

LONGLINE R-HV provides constant power per unit length without voltage drop along the length. The cables may be applied at voltages up to 6.6kV 3 phase to maximise circuit lengths.

The continuous metal jacket is able to withstand high mechanical forces to prevent external damage during installation, whilst also providing superior fire-resisting properties compared with most heating cables.

LONGLINE R-HV cables may be used in safe and hazardous classified locations.



SPECIFICATION

MAXIMUM CONTINUOUS EXPOSURE

TEMPERATURE (Power OFF): 230°C (446°F)

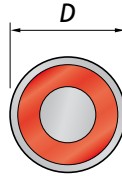
MINIMUM INSTALLATION

TEMPERATURE: -60°C (-76°F)

RATED VOLTAGE: up to 6.6kV/3.81kV 3/1 phase

DIMENSIONS/ELECTRICAL RESISTANCE:

Type Ref	Diameter (mm) 'D'	Nominal Res. @ 20°C Ω /km
HTS1F 7.0A	14.6	0.75
HTS1F 9.0A	16.6	0.45



APPROVAL DETAILS:

Pending

ORDERING INFORMATION:

Options

HTS1F... Continuous metallic fire resisting jacket.

HTS1F...T Thermoplastic outerjacket over an alloy continuous metallic jacket.

HTS1F...S Silicone outerjacket over an alloy continuous metallic jacket.

HTS1F...F Fluoropolymer outerjacket over an alloy continuous metallic jacket provides extra protection where corrosive chemical solutions or vapours may be present.

Example:

HTS1F 7.0A F

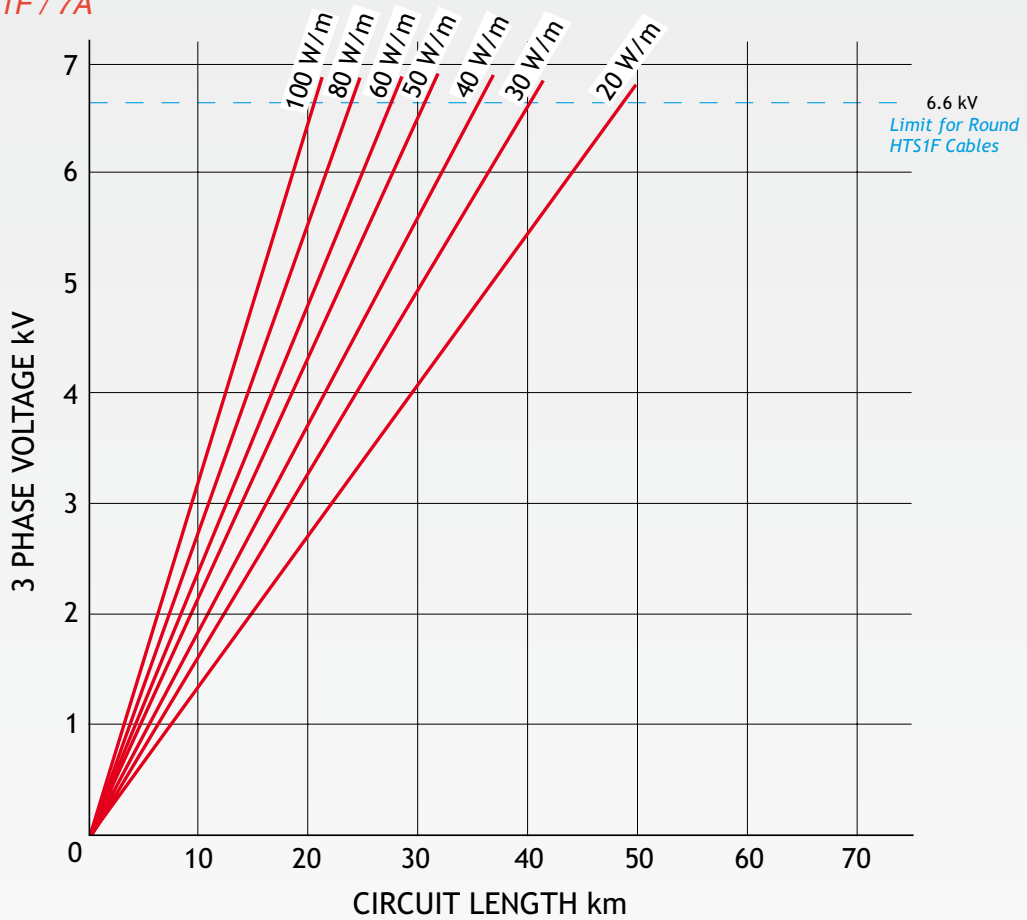
Single conductor longline _____
3mm Diameter alloy conductor _____
Fluoropolymer overjacket _____

ACCESSORIES:

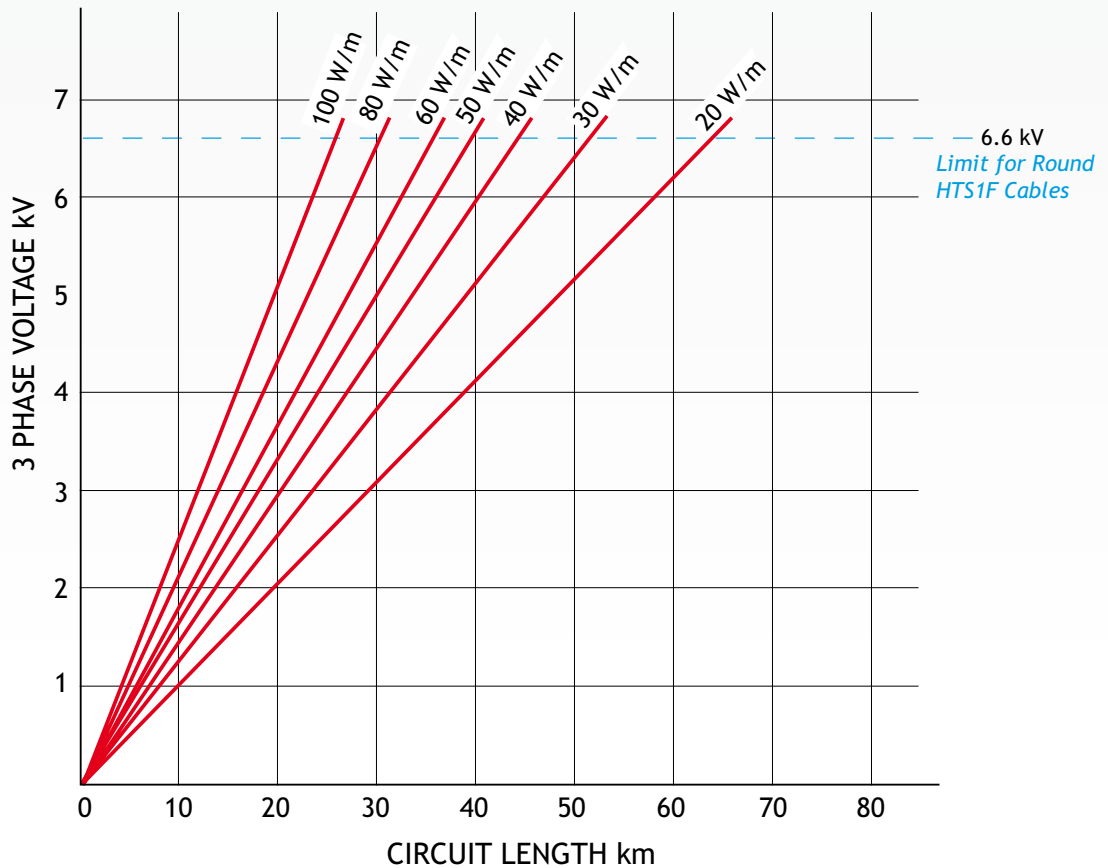
LLR-HV - P Power connection lead kit for field fabrication. Can also be used for end of circuit star connection or for splices via a junction box.

LLR-HV - S Plug and socket connection kit for splice or power connection. Refer to Heat Trace for details.

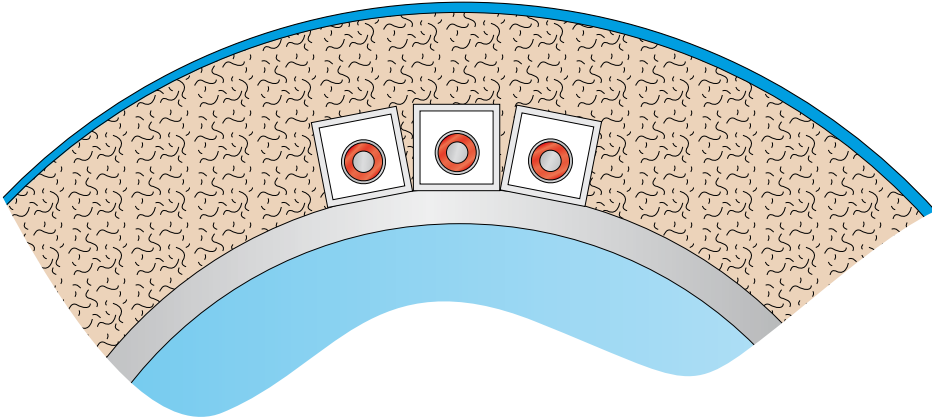
TYPE: HTS1F/7A



TYPE: HTS1F/9A



Typical heating cable installation on pipe:



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