

# Frost protection systems

## Tash single-conductor heating cables

The TASH single-conductor series resistant cables are designed for keeping outdoor areas, pipes and containers ice-free. Outer sheet of cross linkable HFFR compound. Max loading 30 W/m (concrete), 25 W/m (sand), 20 W/m (pipe surface). Operating temperature under current 80 °C, momentarily 160 °C. Max voltage 500 V. Min. bending radius 5x outside diameter of cable.

Type	GTIN -code	Description	Pack.qty
TASH0.05	64 100 04 301 555	Tash-series resistant cable. 0.05 ohm/m	1/2000
TASH0.1	64 100 04 301 500	Tash-series resistant cable. 0.1 ohm/m	1/2000
TASH0.17	64 100 04 301 562	Tash-series resistant cable. 0.17 ohm/m	1/2000
TASH0.21	64 100 04 301 517	Tash-series resistant cable. 0.21 ohm/m	1/2000
TASH0.32	64 100 04 301 326	Tash-series resistant cable. 0.32 ohm/m	1/2000
TASH0.45	64 100 04 301 579	Tash-series resistant cable. 0.45 ohm/m	1/2000
TASH0.65	64 100 04 301 593	Tash-series resistant cable. 0.65 ohm/m	1/2000
TASH0.82	64 100 04 301 586	Tash-series resistant cable. 0.82 ohm/m	1/2000
TASH1	64 100 04 301 661	Tash-series resistant cable. 1.0 ohm/m	1/2000
TASH1.5	64 100 04 301 609	Tash-series resistant cable. 1.5 ohm/m	1/2000
TASH3	64 100 04 301 616	Tash-series resistant cable. 3 ohm/m	1/2000
TASH6	64 100 04 301 630	Tash-series resistant cable. 6.0 ohm/m	1/2000
TASH10	64 100 04 301 647	Tash-series resistant cable. 10 ohm/m	1/2000



## Optiheat self-regulating cables

Ensto Optiheat self-regulating frost protection cables are energy-efficient solutions for rainwater systems, roofs, stairs, ramps and outdoor areas.

Type	GTIN -code	Description	Pack.qty
EFPO10	64 100 04 313 107	Optiheat 10, power 10 W/m, blue	1/1000
EFPO20	64 186 77 639 180	Optiheat 20/40, power 20 W/m, black	1/1000
EFPO20.250	64 186 77 639 197	Optiheat 20/40, power 20 W/m, black	1/250
EFPORAMP	64 186 77 639 159	Optiheat Ramp, power 50 W/m, yellow	1/250



## Tash accessories

By using EFPLP4 connection kit a single or a twin-conductor heating cable can be connected to a cold cable or another heating cable. The kit can also be used for connecting cold cables to both ends of a single conductor cable.

Type	GTIN -code	Description	Pack.qty
EFPLP4	64 186 77 630 767	Joining kit for single conductor Tash- and Lask heating cables	1/50



## Optiheat accessories

EFPLP1 jointing kit containing joint and shrink accessories for the watertight extension of a cable by means of a connector cable (MMJ or MMCK) and a termination accessory. EFPLP2 jointing kit for connecting a heating cable to a junction box or a termination accessory. The cable is laid from the point of installation to the box either as it is or in a protective tube. The kit includes a cable-shaped rubber seal. EFPLV1 pressure resistant lead-through for installing Optiheat 10 and Plug'n Heat cables inside a water pipe.

Type	GTIN -code	Description	Pack.qty
EFPLP1	64 186 77 630 002	Extension sleeve + termination accessory	1/20
EFPLP2	64 186 77 630 019	Junction box + termination accessory	1/20
EFPLP3	64 186 77 630 026	Optiheat - Optiheat extension	1/20
EFPLP5	64 186 77 639 333	Splice package Optiheat Ramp	1/20
EFPLV1	64 186 77 630 033	Lead-in for Optiheat 10-cable for water pipes	1/12

