

ELEKTRA Heating Cables

ELEKTRA TuffTec™ Heating Cables are ready-to-install heating units, dedicated to special applications, which are produced in accordance with EN 60335-1. Heating cable of the length depending on the model, has factory connected cold tail cable. The major use is the snow and ice protection of external surfaces e.g. garage drives, pavements, also roofs, gutters and down pipes.

Exceptional mechanical and thermal resistance allows for the application in spots especially exposed to harsh installation and operation conditions. Very high temporary exposure temperature (240°C) will make it possible to install the TuffTec™ cables even directly in asphalt.

Single-side power supply TuffTec™



This package contains:

- ELEKTRA TuffTec™ heating cable (on a spool),
- instruction manual.

> Technical data:

Power output:	30 W/m
Power supply:	230 V, 400 V ~ 50/60 Hz
Cable diameter:	~ 6.8 mm
Min. installation temperature:	-25°C
Max. working temperature:	+110°C
Max. exposure temperature (10 min.):	+240°C
Conduit cables:	1 x 4 m; 3 x 1.5 mm ² or 3 x 2.5 mm ² , rubber outer jacket
Type of heating cable:	double-core, single-side power supply
Screen of heating cables:	100% coverage, tinned copper braiding
Insulation:	double layer, FEP + HDPE
Outer sheath:	HFFR, UV resistant
Rated power output tolerance:	+5%, -10%
Min. radius of bending cable:	3.5 D
Deformation strength:	> 2000 N
Pulling strength:	> 300 N
Protection:	IPX7
Product certificates:	EAC
Certificate of ISO 9001:	IQNET, PCBC
Product mark:	CE



SHIELDED



TWIN CONDUCTOR



MULTI WIRE CONDUCTOR



TWIN INSULATION



FLUORO POLYMER INSULATION



PVC FREE



UV RESISTANT



EXTRA TOUGH



230V

TYPE	LENGTH	POWER
-	m	W
TuffTec™ 30/290	9.50	290
TuffTec™ 30/640	21.00	640
TuffTec™ 30/980	33.00	980
TuffTec™ 30/1230	40.00	1230
TuffTec™ 30/1580	53.00	1580
TuffTec™ 30/1920	64.00	1920
TuffTec™ 30/2110	70.00	2110
TuffTec™ 30/2520	83.00	2520
TuffTec™ 30/2710	90.00	2710
TuffTec™ 30/3030	100.00	3030
TuffTec™ 30/3320	110.00	3320
TuffTec™ 30/3900	130.00	3900

400V

TYPE	LENGTH	POWER
-	m	W
TuffTec™ 30/500 400 V	17.00	500
TuffTec™ 30/1100 400 V	37.00	1100
TuffTec™ 30/1710 400 V	57.00	1710
TuffTec™ 30/2120 400 V	70.00	2120
TuffTec™ 30/2760 400 V	92.00	2760
TuffTec™ 30/3350 400 V	110.00	3350
TuffTec™ 30/3660 400 V	122.00	3660
TuffTec™ 30/4360 400 V	145.00	4360
TuffTec™ 30/4700 400 V	157.00	4700
TuffTec™ 30/5230 400 V	175.00	5230
TuffTec™ 30/5760 400 V	192.00	5760
TuffTec™ 30/6800 400 V	226.00	6800

> Accessories:

Temperature controllers: ETOG2, ETOR2, ETR2G, ETR2R

Installation accessories: page 49 and 50

La Grand E.V.O

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