

TXLP/2R



Twin Conductor Heating Cable Units for Direct Heating

Applications:

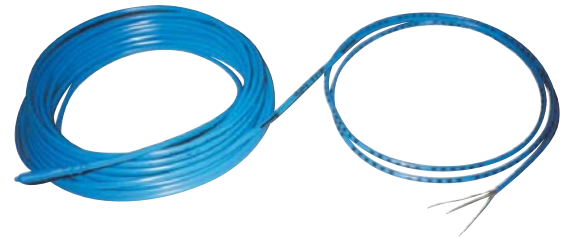
The heating cable units are ideal for floor warming and radiant heating in concrete and wood floor constructions. They are also used in snow melting installations, frost protection of roof, gutters, drains, pipe tacing and soil heating. Each unit has a unique factory made internal splice which is marked =>SPLICE<= on the cable surface. There is no need for a return conductor. The sealed end is 100% waterproof (factory made seal). The cold end is marked with * * * on the cable surface.

Construction:

- Solid resistance wire
- XLPE insulation
- Tinned copper earthing conductor
- Aluminum screen
- PVC outer jacket
- Overall diameter: approx. 6.5 mm (1/4")

Technical data:

- Element values from 300 to 3300W
- Linear load: 17 W/m
- Series resistance
- Maximum continuously operating temperature outer jacket: 65 °C (149 °F)
- Minimum bending radius: 5 x cable diameter
- Tolerance on conductor resistance: -5 to +10 %
- Highest system voltage: 300 - 600 V



TYPE	OUTPUT AT 120V (WATT)	CABLE LENGTH (*) (m)	CABLE LENGTH (*) (ft.)	NOMINAL RESISTANCE (ohm)	OUTER DIAMETER (mm)	MAXIMUM MAGNETIC FLUX DENSITY	WEIGHT PER UNIT (kg)	WEIGHT PER UNIT (lb)	NEXANS Code
TXLP/2R 200/17/2	200	12.2	40	72	6.5	0.29	1.0	2.3	10144813
TXLP/2R 300/17/2	300	18.3	60	48	6.5	0.48	1.4	3.4	10144844
TXLP/2R 400/17/2	400	24.4	80	36	6.5	0.67	1.8	4.3	10144846
TXLP/2R 500/17/2	500	30.5	100	29	6.5	0.96	2.2	5.3	10144847
TXLP/2R 600/17/2	600	34.8	114	24	6.5	1.19	2.6	6.3	10144848
TXLP/2R 700/17/2	700	42.1	138	21	6.5	1.32	2.9	7.0	10144849
TXLP/2R 850/17/2	850	50.0	164	17	6.5	1.64	3.5	8.4	10144850

TYPE	OUTPUT AT 240V (WATT)	CABLE LENGTH (*) (m)	CABLE LENGTH (*) (ft.)	NOMINAL RESISTANCE (ohm)	OUTER DIAMETER (mm)	MAXIMUM MAGNETIC FLUX DENSITY	WEIGHT PER UNIT (kg)	WEIGHT PER UNIT (lb)	NEXANS Code
TXLP/2R 300/17	325	17.7	58	176.3	6.5	0.80	1.4	3.4	10022293
TXLP/2R 400/17	435	23.5	77	132.3	6.5	1.06	1.8	4.3	10022294
TXLP/2R 500/17	545	29.3	96	105.8	6.5	1.33	2.2	5.3	10022295
TXLP/2R 600/17	655	35.4	115	88.2	6.5	1.46	2.6	6.3	10022296
TXLP/2R 700/17	760	41.2	135	75.6	6.5	1.59	2.9	7.0	10022297
TXLP/2R 840/17	915	49.7	163	63.0	6.5	1.86	3.5	8.4	10022298
TXLP/2R 1000/17	1090	58.2	191	52.9	6.5	2.23	4.1	9.9	10022288
TXLP/2R 1250/17	1360	72.5	238	42.3	6.5	2.65	5.0	12.0	10022289
TXLP/2R 1370/17	1490	80.8	265	38.6	6.5	3.32	5.3	12.8	10022290
TXLP/2R 1700/17	1850	100.0	328	31.1	6.5	3.63	6.7	16.1	10022291
TXLP/2R 2100/17	2285	123.8	406	25.2	6.5	4.51	8.3	20.0	10022292
TXLP/2R 2600/17	2830	154.5	507	20.3	6.5	5.57	9.5	20.9	10047809
TXLP/2R 3300/17	3590	193.9	636	16.0	6.5	6.9	11.7	25.7	10022300

(*) Plus 2.25m (7.5 ft.) 2 x 1.0 mm² cold lead.