

TXLP/1

Single Conductor Heating Cable Units for Direct Heating



Applications:

The heating cable units are ideal for direct floor warming and radiant heating in concrete slabs or wood floor constructions. They are also used in snow melting installations, frost protection of roofs, gutters, drains, pipe tacing and soil heating. Each unit has a unique factory made internal splice which is marked = >SPLICE< = 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 3100 W
- 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: 600 V



TYPE	OUTPUT AT 120V (WATT)	CABLE LENGTH (*) (m)	CABLE LENGTH (*) (ft.)	NOMINAL RESISTANCE (ohm/m)
TXLP/1R 200/17/1	200	12.2	40.3	5.62
TXLP/1R 300/17/1	300	18.3	60.4	2.50
TXLP/1R 400/17/1	400	24.4	80.4	1.41
TXLP/1R 500/17/1	500	30.8	100.7	0.90
TXLP/1R 600/17/1	600	35.4	116.1	0.68
TXLP/1R 730/17/1	730	43.0	140.8	0.46
TXLP/1R 875/17/1	875	51.5	168.8	0.32
TXLP/1R 1370/17/1	1370	80.7	264.8	0.13
TXLP/1R 1470/17/1	1470	86.6	284.1	0.11



TYPE	OUTPUT AT 240V (WATT)	CABLE LENGTH (*) (m)	CABLE LENGTH (*) (ft.)	NOMINAL RESISTANCE (ohm/m)	OUTER DIAMETER (mm)	WEIGHT PER UNIT (kg)	WEIGHT PER UNIT (lb)	NEXANS Code
TXLP/1R 300/17/2	330	17.7	58	10.0	6.5	1.3	2.9	10022267
TXLP/1R 400/17/2	435	23.5	77	5.62	6.5	1.6	3.5	10022269
TXLP/1R 500/17/2	545	29.3	96	3.6	6.5	1.9	4.2	10022270
TXLP/1R 600/17/2	655	35.1	115	2.5	6.5	2.3	5.0	10022271
TXLP/1R 700/17/2	760	41.2	135	1.84	6.5	2.5	5.5	10022272
TXLP/1R 850/17/2	925	50.0	164	1.24	6.5	3.1	6.8	10022273
TXLP/1R 1000/17/2	1090	58.8	193	0.9	6.5	3.5	7.7	10022261
TXLP/1R 1250/17/2	1360	73.5	241	0.58	6.5	4.2	9.2	10022262
TXLP/1R 1400/17/2	1525	82.3	270	0.46	6.5	4.6	10.1	10022263
TXLP/1R 1750/17/2	1900	103.0	338	0.29	6.5	5.8	12.7	10022264
TXLP/1R 2200/17/2	2400	129.3	424	0.19	6.5	7.2	15.8	10022265
TXLP/1R 2600/17/2	2830	156.1	512	0.13	6.5	8.6	19.0	10022266
TXLP/1R 3100/17/2	3375	186.0	610	0.09	6.5	10.5	23.0	10022268

(*) Plus 2.25 m (7.5 ft) 1 x 1.0 mm² cold lead in each end.

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