

N-HEAT® TXLP/1 28 W/m

Single conductor TXLP cable for snow and ice melting



Applications:

TXLP/1 28 W/m are ready made single conductor heating cable elements for snow and ice melting applications such as driveways, courtyards, stairs etc. The units can be installed directly in hot asphalt (160°C/320°F), or covered with concrete or flagstone and sand (i.e. crushed stone or similar, grain size 0-8 mm or 0-4 mm). TXLP/1 28 W/m is equipped with a 2.5 m cold lead and integrated splice in each end.

Construction:

- Solid resistance wire
- XLPE insulation
- Tinned copper drain wire
- Aluminum armor screen
- PVC outer jacket
- Integrated cold lead splice
- Overall diameter: approx. 6.5 mm (0.26")

Technical data:

- Linear load: 28 W/m (8.5 W/ft) at 230 V
- Series resistance
- Rated voltage: 230 V
- Highest system voltage: 300/500 V
- Max. cont. operating temperature outer jacket: 65°C (149°F)
- Min. bending radius: 5 x cable diameter
- Tolerance on conductor resistance: - 5/+10 %
- Mechanical class: M2
- Length of cold lead: 2.5 m at both ends
- Minimum installation temperature 0°C (32°F)
- UV resistant*

* Used in an open installation (e.g. roofs and roof gutters) a temperature control system must be installed (sensor in contact with the heating cable) to ensure that the heating cable does not overheat. Switch-off temperature shall be maximum 50°C.

TXLP/1 28 W/m – Single conductor heating cable for snow and ice melting

| Product name | Output | Element length (**) | R_nom | Outer diameter | Weight. | Nexans code no. | GTIN |
|---------------------|--------|---------------------|-------|----------------|---------|-----------------|---------------|
| | (W) | (m) | (Ω) | (mm) | (kg) | | |
| TXLP/1-28 W/m 340W | 340 | 12.2 | 155.6 | 6.5 | 1.0 | 10546447 | 7045210123852 |
| TXLP/1-28 W/m 380W | 380 | 13.8 | 139.2 | 6.5 | 1.1 | 10548655 | 7045210025019 |
| TXLP/1-28 W/m 440W | 440 | 16.2 | 120.2 | 6.5 | 1.2 | 10546449 | 7045210123869 |
| TXLP/1-28 W/m 530W | 530 | 18.1 | 101.7 | 6.5 | 1.3 | 10546460 | 7045210123876 |
| TXLP/1-28 W/m 640W | 640 | 22.9 | 82.7 | 6.5 | 1.6 | 10548656 | 7045210013412 |
| TXLP/1-28 W/m 770W | 770 | 32.7 | 68.7 | 6.5 | 1.8 | 10546461 | 7045210123883 |
| TXLP/1-28 W/m 900W | 900 | 32.1 | 58.8 | 6.5 | 2.0 | 10548657 | 7045210013429 |
| TXLP/1-28 W/m 1030W | 1030 | 41.4 | 51.3 | 6.5 | 2.3 | 10546462 | 7045210123890 |
| TXLP/1-28 W/m 1280W | 1280 | 45.8 | 41.3 | 6.5 | 2.8 | 10548659 | 7045210013375 |
| TXLP/1-28 W/m 1460W | 1460 | 53.5 | 36.2 | 6.5 | 3.2 | 10546463 | 7045210123906 |
| TXLP/1-28 W/m 1600W | 1600 | 57.3 | 33.1 | 6.5 | 3.4 | 10548660 | 7045210013382 |
| TXLP/1-28 W/m 1800W | 1800 | 64.0 | 29.4 | 6.5 | 3.6 | 10548662 | 7045210024906 |
| TXLP/1-28 W/m 1950W | 1950 | 69.3 | 27.1 | 6.5 | 4.1 | 10546464 | 7045210123913 |
| TXLP/1-28 W/m 2240W | 2240 | 80.2 | 23.6 | 6.5 | 4.6 | 10548663 | 7045210013399 |
| TXLP/1-28 W/m 2440W | 2440 | 90.0 | 21.7 | 6.5 | 5.1 | 10546465 | 7045210123920 |
| TXLP/1-28 W/m 2800W | 2800 | 100.8 | 18.9 | 6.5 | 6.2 | 10548664 | 7045210029802 |
| TXLP/1-28 W/m 3380W | 3380 | 119.7 | 15.6 | 6.5 | 6.8 | 10546466 | 7045210123937 |
| TXLP/1-28 W/m 4060W | 4060 | 143.8 | 13.0 | 6.5 | 8.1 | 10546467 | 7045210123944 |

**In addition the products are delivered with a 2.5 m cold lead in both ends.