

# TQXP/2R 230V Twin conductor heating cable units 17 W/m

TQXP/2R 1500/17

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Twin conductor heating cable units for direct heating

## DESCRIPTION

The TQXP/2R heating cable units are versatile and can be used in many applications. They are ideal for comfort heating in concrete floor constructions, and suitable for storage heating, snow melting installations, for frost protection of roof and gutters, frost protection of pipes, soil heating and other frost protection applications.

Each unit has a unique factory made integrated splice, which is marked --> SPLICE<-- on the cable surface.

The factory made end seal is 100% waterproof and does not emit any heat. The cold lead is marked with \*\*\*\*\* on the outer sheath, indicating that this part of the cable does not emit heat.

Length cold lead: 2.3 m

IP-class, end seal: IPX7

Minimum installation temperature (without any precautions): 0 °C

Mechanical class: M2

UV-resistant: Yes



## DECLARATION OF PERFORMANCE

E<sub>ca</sub>

## STANDARDS

International IEC 60332-1-2;  
IEC 60800



Type of splice  
Integrated/hidden



Bending factor when laying  
5 (xD)



Flame retardant  
IEC 60332-1-2

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 Nexans

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## units 17 W/m

### TQXP/2R 1500/17

## CHARACTERISTICS

### Construction characteristics

|                      |                           |
|----------------------|---------------------------|
| Insulation           | Cross-linked polyethylene |
| Drain wire           | Tinned copper             |
| Screen               | Aluminium tape            |
| Outer sheath         | PVC                       |
| Sheath colour        | Blue                      |
| Type of splice       | Intergrated/hidden        |
| Number of conductors | 2                         |

### Dimensional characteristics

|                        |        |
|------------------------|--------|
| Approximate net weight | 4.6 kg |
| Nominal outer diameter | 6.5 mm |

### Electrical characteristics

|                            |           |
|----------------------------|-----------|
| Nominal output             | 1500 W    |
| Nominal element resistance | 35.3 Ohm  |
| Min. element resistance    | 33.5 Ohm  |
| Max. element resistance    | 38.8 Ohm  |
| Operating voltage          | 230 V     |
| Rated Voltage Uo/U         | 300/500 V |

### Usage characteristics

|                                          |               |
|------------------------------------------|---------------|
| Bending factor when laying               | 5 (xD)        |
| Element length                           | 87.4 m        |
| Length of cold lead                      | 2.3 m         |
| Max. temperature energized, outer sheath | 65 °C         |
| Flame retardant                          | IEC 60332-1-2 |
| Output                                   | 17 W/m        |