



Product data sheet

49845 - Flat cable power 5G2.5 mm² PVC GN 2.0



Flat cable Woertz power 5x2.5 mm², PVC light green 3LNPE

| Characteristics                |                      |
|--------------------------------|----------------------|
| Eldas number                   | 113383804            |
| Base Unit                      | Meter                |
| availability                   | available from stock |
| EAN Code                       | 7611718241574        |
| group                          | 170000               |
| Packaging unit                 | -                    |
| country of origin              | CH                   |
| Customs tariff number          | 854449               |
| Weight (g)                     | 259 g                |
| Copper weight (g)              | 120 g                |
| Technical data                 |                      |
| Construction (mm²)             | 5x2.5 mm²            |
| Dimensions width x height (mm) | 24x6 mm              |
| Halogen free                   | No                   |
| Cable type                     | PVC flat cable       |



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|                                    |                              |
|------------------------------------|------------------------------|
| International designation          | N1VVH2-K                     |
| Reaction to fire classification    | Eca                          |
| Cross section (mm²)                | 2.5 mm²                      |
| Copper conductor                   | Tinned, flexible KL5 EN60228 |
| Conductor resistance (ohm/km)      | 8,21 ohm/km                  |
| cores insulation                   | PVC                          |
| Sheat insulation                   | PVC                          |
| Sheath color                       | Black                        |
| Minimum bending radius             | 6xH                          |
| Operating Temperature (°C)         | -25 to 70 °C                 |
| Installation temperature min. (°C) | 5 °C                         |
| Nominal voltage (VAC)              | 600/1000 VAC                 |
| Test voltage                       | 4 kV/50Hz                    |
| Fire load (kWh/m)                  | 0,778                        |
| Flame retardant according to       | IEC/EN60332-1-2              |



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### Product accessories



#### 9054 - Cable clamp 13.5 mm to flat cable Technofil

Cable clamp 13.5 mm to flat cable Technofil to screw on



#### 49731 - Fastening clamp FC combi / power

to screw on



#### 49733 - Fastening clamp FC combi / power

Cable clamp screw-on, for flat cable power 5G2.5 mm<sup>2</sup>



#### 49960 - Insulating pad for flat cable

Scotch 2210



#### 49733A - Fastening clamp FC combi / power Glue

Cable clamp for gluing, for flat cable power 5G2.5 mm<sup>2</sup>



#### 48510/05 - End piece Technofil / Power/Dali 3P IP68

Cable end piece IP68 for flat cable Technofil 5G2.5 mm<sup>2</sup>, Power 5G2.5 mm<sup>2</sup> and DALI 3G2.5 mm<sup>2</sup> 2x1.5 mm<sup>2</sup>.



#### 49386 E90 - Riser clamp E90

Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 3G2.5 and 4 mm<sup>2</sup>, Woertz FE180 5G2.5, 4 6 mm<sup>2</sup>. For Woertz flat cable: Woertz Technofil 5G2.5 1.5 mm<sup>2</sup>, Woertz power 5G2.5 mm<sup>2</sup>, Woertz Power IP 5G2.5 mm<sup>2</sup> 6 mm<sup>2</sup>, Woertz combi 5G2.5 mm<sup>2</sup> 2x1.5 mm<sup>2</sup>, Woertz Dali IP 5G2.5 mm<sup>2</sup> 2x1.5 mm<sup>2</sup>, Woertz Dali 3/5G2.5 mm<sup>2</sup> 2x1.5 mm<sup>2</sup>, Woertz 5G4 mm<sup>2</sup>, Woertz 7G2.5 mm<sup>2</sup>.



#### 49935 - Cutting shears up to 6 mm<sup>2</sup>

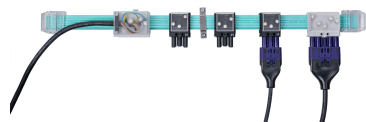
Woertz flat cable shears up to 5x6 mm<sup>2</sup> (with higher force up to 5x16 mm<sup>2</sup>)



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### Product systems



**Flat cable system Power 5G2.5 mm<sup>2</sup>**

Our solutions for every location. Whether office, supermarket, shopping center, exhibition, industry or temporary installations such as parking garages and train stations - our system adapts flexibly to any environment. Experience reliable power supply at the highest level.

