



## Product data sheet

49605 - Flat cable 5G16mm<sup>2</sup> PVC oil proof UV res. GY



Flat cable Woertz 5x16mm 2 PVC(oil resistant) and UV resistant light grey 3LNPE

### Characteristics

Eldas number	113289680
Base Unit	Meter
availability	available from stock
EAN Code	7611718241482
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	1300 g
Copper weight (g)	768 g

### Technical data

Construction (mm <sup>2</sup> )	5x16 mm <sup>2</sup>
Dimensions width x height (mm)	48.5x11.3 mm
Halogen free	No
Cable type	PVC flat cable



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International designation	N1VV5H2-K
Reaction to fire classification	Eca
Cross section (mm <sup>2</sup> )	16 mm <sup>2</sup>
Copper conductor	bare, fine wire KL5 EN60228
Conductor resistance (ohm/km)	1,21 ohm/km
cores insulation	PVC
Cores colors	brown,blue,green/yellow,black,gray
Sheat insulation	PVC oil proof
Sheath color	Light gray
Oil resistance	EN 50363
Weather resistance	Good / UV Resistant
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)	2,95
Flame retardant according to	IEC/EN60332-1-2



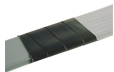
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### Product accessories



**49630 - End piece FC 5G16mm<sup>2</sup>/5G25mm<sup>2</sup> IP65**  
Cable end piece for flat cable 5G16mm<sup>2</sup>/5G25mm<sup>2</sup>



**49632 - Insulating tape for flat cable**  
Scotch VM



**49633 - Stripping knife to flat cable 5G16mm<sup>2</sup>**  
Stripping knife to flat cable 5G16mm<sup>2</sup>



**49634 - Fastening clamp FC 5G16mm<sup>2</sup>/5G25mm<sup>2</sup>**  
of galvanized steel



**49387 E90 - Riser clamp E90**  
Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 5G16mm<sup>2</sup> and 5G25mm<sup>2</sup>. For Woertz flat cable: Woertz power 5G16mm<sup>2</sup> and 5G25mm<sup>2</sup>.



**49937 - Woertz flat cable lever cutter from 10mm<sup>2</sup>**  
Lever cutter for flat cable of 10 mm<sup>2</sup> and more



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### Product systems

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#### Flat cable system Power 5G16 mm<sup>2</sup> (IP65)

Robust, weatherproof and powerful - a flexible power supply solution for construction temporary buildings, offices, tunnels, ships, halls, trade fairs and e-mobility.



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