



## Product data sheet

49606 - Flat cable 5G16mm<sup>2</sup> HF GY



Flat cable Woertz 5x16mm 2 FR/LS0H light grey 3LNPE

### Characteristics

Eldas number	113299680
Base Unit	Meter
availability	available from stock
EAN Code	7611718241529
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	Yes
Cable type	Halogen free flat cable



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International designation	N1Z1Z1H2-K
Reaction to fire classification	B2ca s1 d0 a1
Fire behavior	Cables with non-critical behavior (according to VKF 14-15)
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	Flame retardant polyolefin
Cores colors	gray,black,green/yellow,blue,brown
Sheat insulation	Polyolefin flame retardant
Sheath color	Light gray
Weather resistance	Good / UV Resistant
Minimum bending radius	6xH
Operating Temperature (°C)	-25 till 90 °C
Installation temperature min. (°C)	5 °C
Nominal voltage (VAC)	600/1000 VAC
Test voltage	4 kV/50Hz
Fire load (kWh/m)	2,63
Halogen free acc. to	IEC/EN60754-1/2
Flame retardant according to	IEC/EN60332-1-2
Minimal smoke emission acc. to	IEC/EN 61034-2
Low fire propagation acc. To	IEC/EN 60332-3-24



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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



**49649 - Cable clamp J-shaped - Closure element for 49648**  
Locking element for Woertz art. no. 49648.. made of stainless steel



**49648 - Cable clamp J-shaped for wall mounting**  
Cable clamp for wall mounting with only 1 drill hole for flat cable 5G16mm<sup>2</sup>/5G25mm<sup>2</sup> made of stainless steel. Ceiling mounting possible with locking element



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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.



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



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