



Product data sheet

49885 - Flat cable power 5G10mm² HF GY



Flat cable Woertz power 5x10 mm 2 FR/LS0H light grey 3LNPE

Characteristics	
Eldas number	113389504
Base Unit	Meter
availability	available from stock
EAN Code	7611718241628
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	850 g
Copper weight (g)	480 g
Technical data	
Construction (mm²)	5x10 mm²
Dimensions width x height (mm)	38.5x10 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 ²)	10 mm ²
Copper conductor	bare, fine wire KL5 EN60228
Conductor resistance (ohm/km)	1,91 ohm/km
cores insulation	Flame retardant polyolefin
Cores colors	brown,blue,green/yellow,black,gray
Sheat insulation	Polyolefin flame retardant
Sheath color	Light gray
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)	1,82
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



49632 - Insulating tape for flat cable

Scotch VM



49972 - End piece FC Power 5G10mm²

Cable end piece for flat cable power 5x10mm²



49976 - Stripping knife to flat cable Power 5G10mm²

Stripping knife to flat cable Power 5G10mm²



49977 - Fastening clamp FC power 5G10mm²

to screw on



49387 E90 - Riser clamp E90

Max. Bridge load: 50kg. For Woertz fire safety flat cable: Woertz FE180 5G16mm² and 5G25mm². For Woertz flat cable: Woertz power 5G16mm² and 5G25mm².



48511/42 - End cap with mastic IP68 42/15 105mm

Cable end piece shrink - end cap, diameter 42 mm, after shrinkage 15 mm, length 105 mm, black. Inside coated with adhesive and sealant.



49937 - Woertz flat cable lever cutter from 10mm²

Lever cutter for flat cable of 10 mm² and more



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Product systems



Flat cable system Power IP 5G10 mm² (IP65)

Secure reliable power supply for tunneling, civil engineering, industrial plants, workshops and joineries with our high quality flat cable system - perfectly protected by IP-65.



Flat cable system Power 5G10 mm²

This system is used in hospitals, shopping malls, data centers, for hall lighting, hotels and catering Stetten.

