



Product data sheet

49606SW - Flat cable 5G16mm² HF black



Flat cable Woertz 5x16mm 2 FR/LS0H black3LNPE

Characteristics	
Eldas number	113399600
Base Unit	Meter
availability	available from stock
EAN Code	7611718278747
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	8544.4992
Weight (g)	1300 g
Copper weight (g)	768 g
Technical data	
Construction (mm²)	5x16 mm²
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 ²)	16 mm ²
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	Black
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



49387 E90 - Riser clamp E90

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



49632 - Insulating tape for flat cable

Scotch VM



49630 - End piece FC 5G16mm²/5G25mm² IP65

Cable end piece for flat cable 5G16mm²/5G25mm²



49634 - Fastening clamp FC 5G16mm²/5G25mm²

of galvanized steel



49633 - Stripping knife to flat cable 5G16mm²

Stripping knife to flat cable 5G16mm²



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 5G16 mm² (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 mm² (IP65)	
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