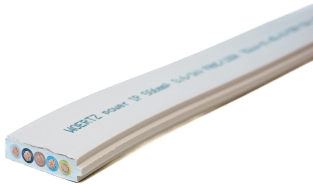




Product data sheet

48780/FRNC - Flat cable power IP 5G6mm² HF GY



Flat cable Woertz power IP 5x6mm ² FR/LS0H light grey 3LNPE

Characteristics	
Eldas number	113279609
Base Unit	Meter
availability	available from stock
EAN Code	7611718254642
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	8544.4992
Weight (g)	515 g
Copper weight (g)	288 g
Technical data	
Construction (mm²)	5x6 mm²
Dimensions width x height (mm)	32X7.5 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)	6 mm ²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	3,39 ohm/km
cores insulation	Flame retardant polyolefin
Cores colors	gray,black,green/yellow,blue,brown
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)	1,05
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



Product data sheet

48780/FRNC - Flat cable power IP 5G6mm² HF GY

Product accessories



49960 - Insulating pad for flat cable

Scotch 2210



49978 - Fastening clamp FC power IP 5G6mm²

null



48511/24 - End cap with mastic IP68 24/8 65mm

thermoretractable end cap, diameter 24mm 8mm after retractation, length 65mm , black. Provided with adhesive and sealing compound inside



49386 E90 - Riser clamp E90

Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 3G2.5 and 4 mm², Woertz FE180 5G2.5, 4 6 mm². For Woertz flat cable: Woertz Technofil 5G2.5 1.5 mm², Woertz power 5G2.5 mm², Woertz Power IP 5G2.5 mm² 6 mm², Woertz combi 5G2.5 mm² 2x1.5 mm², Woertz Dali IP 5G2.5 mm² 2x1.5 mm², Woertz Dali 3/5G2.5 mm² 2x1.5 mm², Woertz 5G4 mm², Woertz 7G2.5 mm².



49935 - Cutting shears up to 6 mm²

Woertz flat cable shears up to 5x6 mm² (with higher force up to 5x16 mm²)



Product data sheet

48780/FRNC - Flat cable power IP 5G6mm² HF GY

Product systems



Flat cable system Power IP 5G6 mm² (IP66/68)

This system with 5G6 mm² is used for tunnel construction, civil engineering, industrial plants, workshops and joineries, as well as outdoors for events and open airs due to the high IP protection degree.

