



Product data sheet

49601 - Flat cable 7G2.5mm² HF GY



Flat cable Woertz 7x2.5mm 2 FR/LS0H light grey 3LNPE+RD+WH

Characteristics	
Eldas number	113298780
Base Unit	Meter
availability	Delivery according to agreement
EAN Code	7611718241512
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	401 g
Copper weight (g)	270 g
Technical data	
Construction (mm ²)	7x2.5 mm ²
Dimensions width x height (mm)	35x6 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)	4 mm ²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	5,09 ohm/km
cores insulation	Flame retardant polyolefin
Cores colors	brown,black,grey,blue,green/yellow,red,white
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)	1,09
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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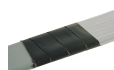
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Product accessories



49620 - End piece FC 7G2.5 / 4 mm² IP65

Cable end piece for flat cable 7x2.5



49632 - Insulating tape for flat cable

Scotch VM



49731 - Fastening clamp FC combi / power

to screw on



49386 E90 - Riser clamp E90

Max. Bridge 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)



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Product systems



Flat cable system Power 7G2.5 mm² and 7G4 mm² (IP65)

The flexible system is ideally suited for combined application with power current incl. control line. It is mainly used in the industrial sector, but is also suitable for all common building installations.

