



Product data sheet

49900/SM - Flat cable Technofil 5G2.5 mm² HF GE 2.0



Flat cable Woertz Technofil 5x2.5 mm² FR/LS0H yellow black stripe

Characteristics	
Eldas number	113298017
Base Unit	Meter
availability	Delivery in 4 weeks
EAN Code	7611718241505
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	277 g
Copper weight (g)	120 g
Technical data	
Construction (mm²)	5x2.5 mm²
Dimensions width x height (mm)	23x6 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)	2.5 mm ²
Copper conductor	Tinned, flexible KL5 EN60228
Conductor resistance (ohm/km)	8,21 ohm/km
cores insulation	Flame retardant polyolefin
Sheat insulation	Polyolefin flame retardant
Sheath color	Yellow Black Stripe
Minimum bending radius	6xD
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)	0,74
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



9041 - Fastening clamp FC Technofil Hanging up

Cable clamp for hanging



9042 - Cable clamp 42x8.5x10mm to flat cable Technofil

Cable clamp 42x8.5x10mm for flat cable Technofil to screw on



9054 - Cable clamp 13.5 mm to flat cable Technofil

Cable clamp 13.5 mm to flat cable Technofil to screw on



48510/05 - End piece Technofil / Power/Dali 3P IP68

Cable end piece IP68 for flat cable Technofil 5G2.5 mm², Power 5G2.5 mm² and DALI 3G2.5 mm² 2x1.5 mm².



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.



49960 - Insulating pad for flat cable

Scotch 2210



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 Technofil 5G2.5 mm²

Maximum flexibility for complex requirements. Discover our system with a variety of junction boxes to combine consumer lines according to your individual needs.

