



Product data sheet

49846RT - Flat cable power 5G2.5 mm² HF RT 2.0



Flat cable Woertz power 5x2.5 mm², halogen-free FR/LS0H red 3LNPE

Characteristics	
Eldas number	113383924
Base Unit	Meter
availability	available from stock
EAN Code	7611718257629
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	854449
Weight (g)	247 g
Copper weight (g)	120 g
Technical data	
Construction (mm²)	5x2.5 mm²
Dimensions width x height (mm)	24x6 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	Red
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)	0,69
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



9054 - Cable clamp 13.5 mm to flat cable Technofil

Cable clamp 13.5 mm to flat cable Technofil to screw on



49731 - Fastening clamp FC combi / power

to screw on



49733 - Fastening clamp FC combi / power

Cable clamp screw-on, for flat cable power 5G2.5 mm²



49960 - Insulating pad for flat cable

Scotch 2210



49733A - Fastening clamp FC combi / power Glue

Cable clamp for gluing, for flat cable power 5G2.5 mm²



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. 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

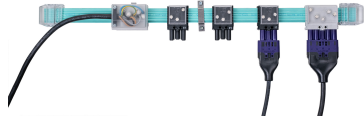
Woertz flat cable shears up to 5x6 mm² (with higher force up to 5x16 mm²)



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Product systems



Flat cable system Power 5G2.5 mm²

Our solutions for every location. Whether office, supermarket, shopping center, exhibition, industry or temporary installations such as parking garages and train stations - our system adapts flexibly to any environment. Experience reliable power supply at the highest level.

