



Product data sheet

49686RT - Flat cable 3G2.5mm² HF RD 2.0



Flat cable Woertz 3x2.5mm 2 FR/LS0H red LNPE

Characteristics	
Eldas number	113298720
Base Unit	Meter
availability	Delivery in 4 weeks
EAN Code	7611718255397
group	170000
Packaging unit	-
country of origin	CH
Customs tariff number	8544.4992
Weight (g)	185 g
Copper weight (g)	72 g
Technical data	
Construction (mm²)	3x2.5 mm²
Dimensions width x height (mm)	16.5x6 mm
Halogen free	Yes
Cable type	Halogen free flat cable



Product data sheet

49686RT - Flat cable 3G2.5mm² HF RD 2.0

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)	0,55
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

49686RT - Flat cable 3G2.5mm² HF RD 2.0

Product accessories



49462 - Fastening clamp FC 3G2.5 / 4mm² V4A

Cable clamp for screwing on



49693 - Cable clamp to FK 3G2.5/4 mm²

to screw on



49960 - Insulating pad for flat cable

Scotch 2210



48510/03 - End piece FC 3G2.5 / 4mm² IP68

3G4



49385 - Riser clamp

Max. Bridge load: 50kg. For flat cable: Woertz data 2x1.5 mm², Woertz multibus 4x1.5 mm², Woertz 3G2.5 and 4 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

49686RT - Flat cable 3G2.5mm² HF RD 2.0

Product systems



Flat cable system 3G2.5 mm² and 3G4 mm²

Effortless installation. Limitless flexibility. Discover the versatile system for workshops, commercial spaces and laboratories.



Flat cable system IP 3G2.5 mm² and 3G4 mm² (IP66/68)

This system is used in tunnelling, civil engineering, industrial plants, workshops and joineries, as well as outdoors for events and open airs, due to its high IP protection level and extraordinary flexibility in terms of changeability and expandability.

