



## Product data sheet

48250GE - Câble plat FE180/E90 3G2.5 yellow



Flat cable Woertz FE180/E30/E90 3x2.50mm 2 FR/LS0H yellow LNPE (rodent repellent). Fire protection cable with non-critical behavior (according to VKF guideline 14-15) for use in horizontal and vertical escape routes. Applicable in public buildings and facilities such as hospitals, hotels, offices, museums or other commercial buildings (KBOB). Also recommended for facilities with an increasing number of people in ever tighter spaces such as airports, train stations (above and below ground) or shopping malls (KBOB). Within the Woertz fire protection cabling systems also ideally suited for the high demands of infrastructure buildings such as tunnels, underpasses, parking garages or subway stations.

### Characteristics

Base Unit

Meter

availability

Delivery according to agreement

group

170000

Packaging unit

-

country of origin

CH

Customs tariff number

8544.4992

Weight (g)

247 g

Copper weight (g)

72 g

### Technical data

Construction (mm<sup>2</sup>)

3x2.5 mm<sup>2</sup>

Dimensions width x height (mm)

24x6 mm

Halogen free

Yes

Cable type

Fire safety flat cable

International designation

N1ZZ1H2-U



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Reaction to fire classification	B2ca s1 d0 a1
Fire behavior	Cables with non-critical behavior (according to VKF 14-15)
Cross section (mm²)	2.5 mm²
Copper conductor	Wire KL1 EN60228
Conductor resistance (ohm/km)	7,41 ohm/km
cores insulation	Flame retardant, high temperature resistant
Cores colors	brown,green/yellow,blue
Sheat insulation	Polyolefin flame retardant
Sheath color	Yellow
Rodent protection	rodent repellent
Longitudinal watertightness	< 1 m/14 days EN60794-1-2-F5B
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)	0,86
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
Insulation integrity	FE180 (IEC 60331) / PH120 (EN50200)



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### **Product accessories**



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### Product systems



**FE180 E30/E90 3G2.5 mm<sup>2</sup>**



Woertz Fire Safety System FE180 E30/E90 3G2.5 mm<sup>2</sup> for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.