



## Novosafe AS FE 180 / PH90-ELQYB

Fire resistant halogen free fire alarm cable

### Specification

<b>RATED VOLTAGE U<sub>0</sub>/U</b>	225V
<b>CONDUCTOR CLASS</b>	Class 1 = solid wire
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	Mica tape and halogen free special compound
<b>CORE IDENTIFICATION</b>	2x1 Blue+Orange, 10x2x1 White+Blue, White+Orange, White+Green, White+Brown, White+Grey, Red+Blue, Red+Orange, Red+Green, Red+Brown, Red+Grey
<b>FABRIC LAPPING</b>	Polyester
<b>OUTER SHEATH</b>	Halogen free special compound
<b>SHEATH COLOUR</b>	Red
<b>BENDING RADIUS FIXED</b>	10 x cable diameter
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	+80°C
<b>LOWEST INSTALLATION TEMPERATURE</b>	-5°C
<b>TESTING VOLTAGE</b>	1500VAC / 2250VDC
<b>PAIR RESISTANCE</b>	48 Ohm/km
<b>CAPACITANCE</b>	120 nF/km (1kHz)
<b>INDUCTANCE</b>	0,7 mH/km
<b>HALOGEN-FREE ACC. TO</b>	IEC 60754-2
<b>SMOKE EMISSION</b>	IEC 61034-2

**FIRE RESISTANT** PH90 (90 min, 830°C), EN 50200, IEC 60331-11, -21, -23

**FLAME RETARDANT** IEC 60332-3-22

## Variants

E-NUMBER	DIMENSION N X Ø MM	OUTER DIAMETER MM	WEIGHT KG/100M
4855500	1x2x1,0	6.3	4.7
4855510	10x2x1,0	16.4	30.3