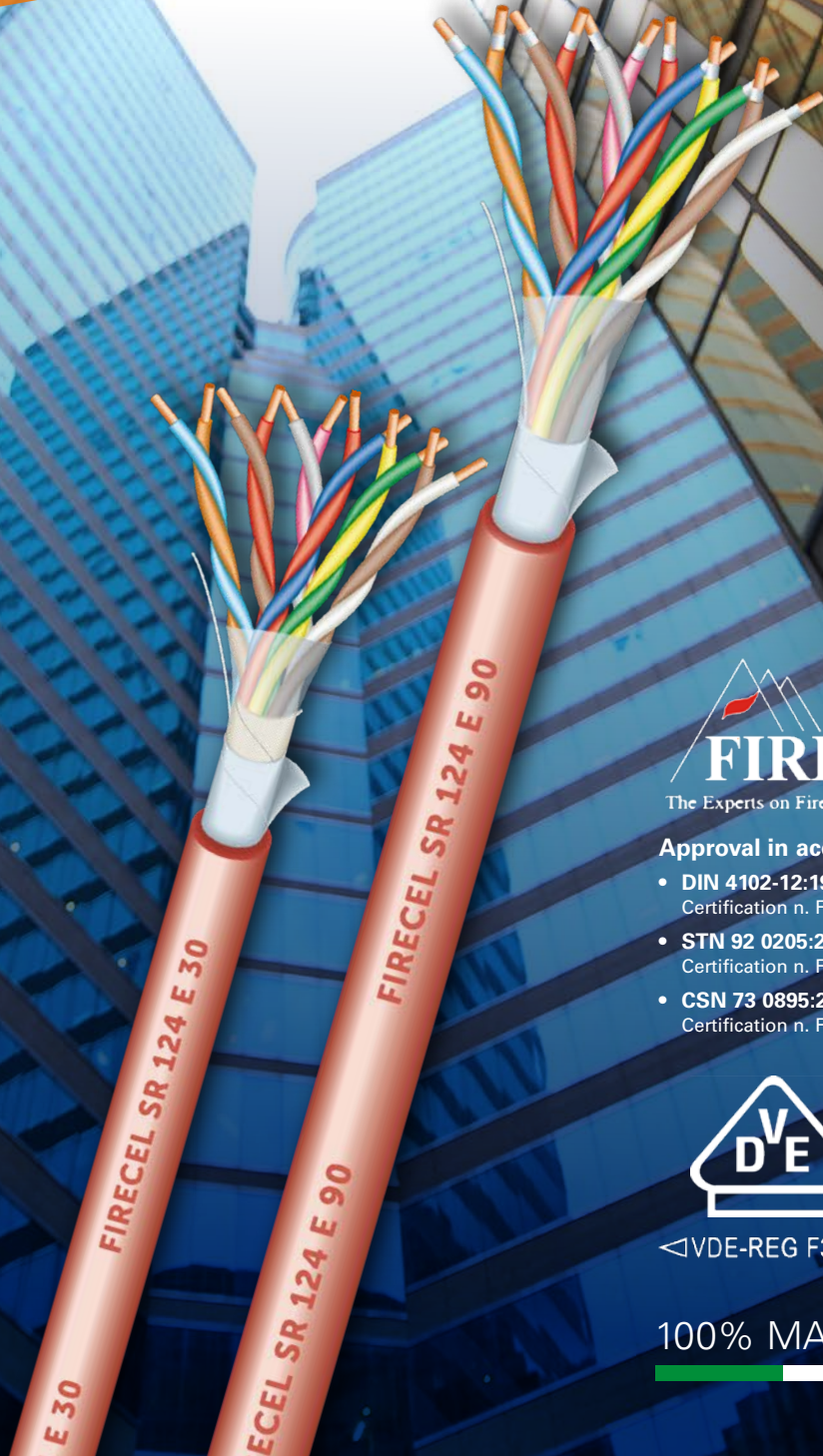
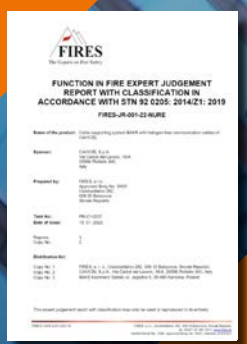


# FIRECEL SR 124 E 30 / E 90

IN ACCORDANCE WITH  
DIN 4102-12 AND DIN VDE 0815



**Approval in accordance with:**

- **DIN 4102-12:1998-11**  
Certification n. FIRES-JR-003-22-NURE
- **STN 92 0205:2014/Z1:2019**  
Certification n. FIRES-JR-001-22-NURE
- **CSN 73 0895:2016**  
Certification n. FIRES-JR-002-22-NURE



◁VDE-REG F370▷

100% MADE IN ITALY

# FIRECEL SR 124 E 30 / E 90

Multipair Overall Screen/Silicone Insulation



JE-H(St)H...Bd - FE180/E30

JE-H(St)H...Bd - FE180/E90



## APPLICATIONS

Fire resistant communication cables suitable for indoor and outdoor installation, in dry and humid areas. These cables assure circuit integrity E30-E90 according to DIN 4102-12. Operating voltage peak value: 225V.

## OPERATING TEMPERATURE

Operating: -30/+70 °C  
Installation: -5/+50 °C

## MINIMUM BENDING RADIUS

7,5 times the outer diameter.

## CABLE CONSTRUCTION

### Conductors

Solid plain annealed copper. 0.8 mm

### Insulation

Silicone rubber (E30 cables)

Silicone rubber + Mica tape (E90 cables)

### Overall screen

Aluminium/polyester tape with solid tinned copper drain wire 0,8 mm + glass tape (E30)

Aluminium/polyester tape with solid tinned copper drain wire 0,8 mm (E90)

### Outer sheath

LSZH thermoplastic compound

## APPLICABLE STANDARDS

### Functional resistance in fire

DIN 4102-12

STN 92 0205

CSN 73 0895

### Fire resistance

IEC 60331-23

### Flame retardant

EN 60332-1-2 / IEC 60332-1-2

### Fire retardant

DIN EN IEC 60332-3-24

VDE 0482-332-3-24

### Halogen free properties

DIN EN 60754-2

VDE 0482-754-2

### Low smoke emission

DIN EN 61034-2

VDE 0482-1034-2

### Design

DIN VDE 0815

## FE180 / E 30

N° of pairs x cross-section (mm <sup>2</sup> )	Nominal diameter mm	Nominal Weight kg/km
1 x 2 x 0.8	6.2	50
2 x 2 x 0.8	9.9	70
4 x 2 x 0.8	10.9	130
8 x 2 x 0.8	16.2	330
12 x 2 x 0.8	17.2	340

## FE180 / E 90

N° of pairs x cross-section (mm <sup>2</sup> )	Nominal diameter mm	Nominal Weight kg/km
1 x 2 x 0.8	7.1	60
2 x 2 x 0.8	8.1	90
4 x 2 x 0.8	14.1	190
8 x 2 x 0.8	17.0	510
12 x 2 x 0.8	21.9	470