

## 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 moistens 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

Al/PET + PET + 0.8mm solid tinned annealed copper drain wire + glass tape (E30)

Al/PET + PET + 0.8mm solid tinned annealed copper drain wire (E90)

### APPLICABLE STANDARDS

#### Fire resistant

DIN 4102-12

#### Flame retardant

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

#### Fire retardant

EN 60332-3-25

IEC 60332-3-25

#### Halogen free properties

EN 60754-1 / IEC 60754-1

EN 60754-2 / IEC 60754-2

#### Low smoke emission

EN 61034-2 / IEC 61034-2

#### Design

DIN VDE 0815

### FE180 / E 30

Formation mm	Nominal diameter mm	Nominal Weight kg/km
1 x 2 x 0.8	6.4	60
2 x 2 x 0.8	7.1	70
4 x 2 x 0.8	11.4	150
8 x 2 x 0.8	12.5	210
12 x 2 x 0.8	15.1	310

### FE180 / E 90

Formation mm	Nominal diameter mm	Nominal Weight kg/km
1 x 2 x 0.8	6.9	70
2 x 2 x 0.8	7.8	90
4 x 2 x 0.8	13.1	170
8 x 2 x 0.8	16.0	360
12 x 2 x 0.8	18.0	440