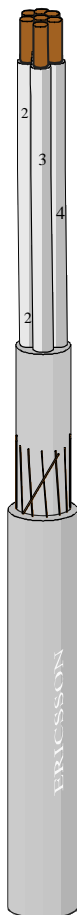


# Control cable EKFR 300/500 V

## Product Information



### Conductor

Solid, annealed copper according to IEC 60228, class 1

### Insulation

PVC, lead free. Marked with identification number

### Filler

PVC, lead free

### Screen

Annealed copper wires with counter helix.

### Sheath

PVC, lead free, grey.

Metre marked.

Example of marking

“ERICSSON NT E EKFR 300/500 V ”

### Certificate

☉ and €

### Standard

HD 627 Part 4 C1, SS 424 03 21

### Fire performance

SS 424 14 75 (F4C), IEC 60332 -3-24 cat. C

### Temperature rating

Maximum 70 °C

### Electrical data

Resistance, measured in loop	24,2 ohm/km
Capacitance adjacent core at 1 kHz	100 nF/km
Capacitance core/screen at 1 kHz	120 nF/km
Inductance adjacent core at 1 kHz	650 µH/km
Characteristic impedance at 1kHz	190 ohm
Attenuation at 1 kHz	0,8 dB/km

### Application

Control cable for permanent installation inside and outside. Can be supported by a suspension wire

## Technical data

### EKFR 300/500V

Conductors x size (mm <sup>2</sup> )	Diameter, nom. (mm)			Weight/100m (kg)	Resistance (ohm/km)
	Conductor	Insulation	Sheath		
7 x 1,5	1,4	2,7	14	30	12,1
10 x 1,5	1,4	2,7	16	39	12,1
14 x 1,5	1,4	2,7	18	49	12,1
19 x 1,5	1,4	2,7	20	61	12,1
27 x 1,5	1,4	2,7	24	90	12,1
37 x 1,5	1,4	2,7	27	108	12,1
15 x 2 x 1,5	1,4	2,7	29	98	12,1

## Ordering Information

### EKFR 300/500V

Conductors x size (mm <sup>2</sup> )	Product number	Length (m)	Drum	Total weight (kg)
7 x 1,5	E 01 142 00	0-450	-	-
	E 01 142 05	500	K7	168
	E 01 142 06	1000	K9	329
10 x 1,5	E 01 142 20	0-450	-	-
	E 01 142 25	500	K8	215
	E 01 142 26	1000	K10	410
14 x 1,5	E 01 142 30	0-450	-	-
	E 01 142 35	500	K9	281
	E 01 142 36	1000	K12	583
19 x 1,5	E 01 142 40	0-450	-	-
	E 01 142 45	500	K10	352
	E 01 142 46	1000	K14	732
27 x 1,5	E 01 142 50	0-450	-	-
	E 01 142 55	500	K12	541
	E 01 142 56	1000	K16	1096
37 x 1,5	E 01 142 70	0-450	-	-
	E 01 142 75	500	K12	631
	E 01 142 76	1000	K16	1277
15 x 2 x 1,5	E 01 142 60	0-450	-	-
	E 01 142 65	500	K12	578
	E 01 142 66	1000	K14	1096