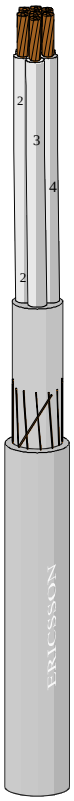
Control cable FKFR 300/500 V

Product Information



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

Conductor
Stranded, annealed copper according to IEC 60228 class 2

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 AC3 FKFR 300/500 V”

Certificate
CE

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 ºC

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

Technical data

FKFR 300/500V

Conductors x size (mm²)	Diameter, nom. (mm) Conductor	Insulation	Sheath	Weight/100m (kg)	Resistance (Ω/km)
7 x 1,5	1,6	2,9	15	31	12,1
14 x 1,5	1,6	2,9	19	50	12,1
19 x 1,5	1,6	2,9	21	65	12,1
27 x 1,5	1,6	2,9	25	89	12,1

Ordering Information

FKFR 300/500V

Conductors x size (mm²)	Product number	Length (m)	Drum	Total weight (kg)
7 x 1,5	E 01 158 10	0-450	-	-
	E 01 158 15	500	K8	182
14 x 1,5	E 01 158 30	0-450	-	-
	E 01 158 35	500	K9	288
19 x 1,5	E 01 158 40	0-450	-	-
	E 01 158 45	500	K10	373
27 x 1,5	E 01 158 50	0-450	-	-
	E 01 158 55	500	K12	539

We reserve the right for alterations due to continual product development and/or changes in standards.

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