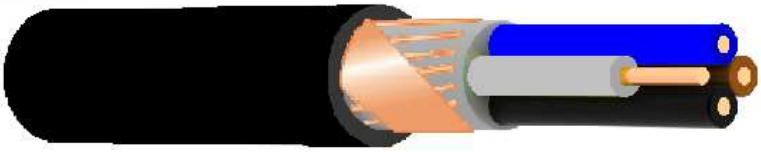
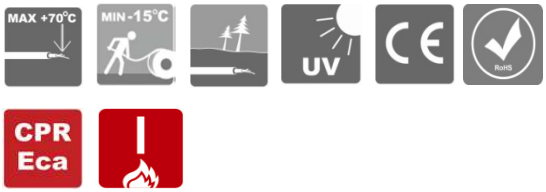
MCMK/EKKJ 1,5÷16mm^2
MCMK/FKKJ 10÷16mm^2
0,6/1kV

HD 603 S1-3F, SFS 4880 , SS 424 14 18, HD 603 S1 Part 3L

PVC insulated and PVC sheathed power cable with concentric copper conductor





CONSTRUCTION	
Conductors:	annealed copper solid class 1(RE), circular or circular compacted stranded conductor class 2 (RM) acc. to EN 60228
Insulation:	special PVC compound type DIV6 acc. to HD 603.1
Inner covering:	filling compound or PVC tape (FKKJ 16mm^2 cable)
Concentric conductor:	round copper wires and copper tape
Sheath:	special PVC compound type DMV9 acc. to HD 603.1

CHARACTERISTIC	
Colour of sheath:	black
Core identification acc. to HD 308 S2	
2-core: 3-core: 4-core:	blue, brown brown, black, grey blue, brown, black, grey
Maximum conductor operating temperature:	+70°C
Lowest ambient temperature for fixed installation:	-40°C
Lowest installation temperature:	-15°C
Maximum short-circuit conductor temperature:	+ 160°C
Minimum bending radius:	12 x D, D – overall diameter
Test voltage:	3,5kV AC 50Hz, 5min
Max. permissible tensile stress with cable grip for Cu-conductor:	50 N/mm^2, calculated for the nominal sum of cross-sections of the inner conductors; the cross-section of the concentric conductors not be considered.

REACTION TO FIRE	
▪ **Flame retardant:**	IEC 60332-1-2, SS 424 14 75 F3
▪ **CPR – reaction to fire class (acc. to EN 50575):**	Eca

APPLICATIONS	
PVC insulated and sheathed power cables for the supply of electrical energy. Special for fixed installations in the open air, in underground, indoors, in cable ducts. The concentric conductor is allowed to use as neutral, PE-conductor, PEN-conductor, or as a screen, in accordance with national regulations.	
Standard length cable packing	500 or 1000m on drums. Other forms of packing and delivery are available on request

TELE-FONIKA Kable S.A.
www.tfkable.com

MCMK/EKKJ 1,5÷16mm²
MCMK/FKKJ 10÷16mm²
0,6/1kV

HD 603 S1-3F, SFS 4880 , SS 424 14 18, HD 603 S1 Part 3L

MARKING

TF KABLE 3 MCMK/EKKJ 2x1,5/1,5 0,6/1kV F3 2017 CE Eca meter marks
TF KABLE 3 MCMK/FKKJ 4x16/16 (RM) 0,6/1kV F3 2017 CE Eca meter marks

APPROVALS

SGS FIMKO; GOST

Number and cross-sectional area of conductor	Nominal thickness of insulation	Nominal thickness of sheath	Approximate overall diameter	Approximate net weight of cables	Maximum conductor resistance at temperature 20°C
n x mm²	**mm**	**mm**	**mm**	**kg/km**	Ω/km
2x1,5RE+1,5	0,8	1,8	11,6	191	12,1/12,1
2x2,5RE+2,5	0,8	1,8	12,4	234	7,41/7,41
2x4RE+4*	1,0	1,8	14,5	330	4,61/4,61
2x6RE+6	1,0	1,8	15,8	412	3,08/3,08
2x10RE+10	1,0	1,8	17,5	567	1,83/1,83
2x10RM+10	1,0	1,8	18,1	592	1,83/1,83
2x10RM+2,5*	1,0	1,8	18,7	539	1,83/7,41
2x16RE+16*	1,0	1,8	19,8	789	1,15/1,15
2x16RMC+2,5*	1,0	1,8	20,7	715	1,15/7,41
2x16RM+16*	1,0	1,8	20,6	828	1,15/1,15
3x1,5RE+1,5	0,8	1,8	12,0	212	12,1/12,1
3x2,5RE+2,5	0,8	1,8	12,9	264	7,41/7,41
3x4RE+4*	1,0	1,8	15,1	375	4,61/4,61
3x6RE+6	1,0	1,8	16,5	474	3,08/3,08
3x10RE+10	1,0	1,8	18,3	664	1,83/1,83
3x10RM+10	1,0	1,8	18,9	690	1,83/1,83
3x16RE+16	1,0	1,8	20,7	934	1,15/1,15
3x16RM+16	1,0	1,8	21,6	977	1,15/1,15
4x1,5RE+1,5	0,8	1,8	12,8	248	12,1/12,1
4x2,5RE+2,5	0,8	1,8	13,7	303	7,41/7,41
4x4RE+4*	1,0	1,8	16,2	436	4,61/4,61
4x6RE+6	1,0	1,8	17,6	553	3,08/3,08
4x10RE+10	1,0	1,8	19,6	784	1,83/1,83
4x10RM+2,5*	1,0	1,8	19,6	742	1,83/7,41
4x10RM+10	1,0	1,8	20,4	815	1,83/1,83
4x16RE+16	1,0	1,8	22,3	1110	1,15/1,15
4x16RM+2,5*	1,0	1,8	22,0	1027	1,15/7,41
4x16RM+16	1,0	1,8	23,3	1160	1,15/1,15

TELE-FONIKA Kable S.A.
www.tfkable.com

MCMK/EKKJ 1,5÷16mm^2
MCMK/FKKJ 10÷16mm^2
0,6/1kV

HD 603 S1-3F, SFS 4880 , SS 424 14 18, HD 603 S1 Part 3L

*based on norm

TELE-FONIKA Kable S.A.
www.tfkable.com