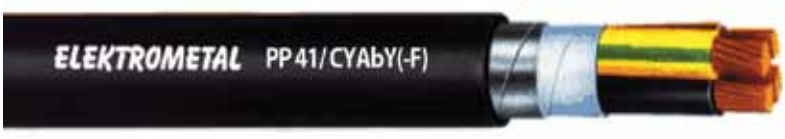
PP 41
CYAbY(-F)



Primena: Napojni kabal predviđen za poleganje najčešće pod zemljom, može se koristiti i u vodi, unutar objekata, kao i u kablovskim kanalicama i u betonu. Upotrebljava se za napajanje u elektranama, trafostanicama, industrijskim pogonima, gradskim mrežama i drugim električnim pogonima. Koristi se u uslovima gde je neophodna zaštita od težih mehaničkih oštećenja, ali kabal ne sme biti izloženi jačem vučnom istezanju. Kabal mora biti zaštićen od korozije, hemikalija, razređivača . Kabl je otporan na UV zracenje.

Application: Power cable for static application, mostly in ground, also in water, within facilities, in cable canals, in concrete. Used for power supply to power stations, transformer stations, industrial plants, metropolitan networks and other electric plants. Applied in conditions requiring protection against heavier mechanical damages, but where cables are not exposed to heavier tensile strain. The cables must be protected against: corozive, chemicals, chemical solvents. Cable is UV resistant.

Materijal provodnika:	Bakar
Konstrukcija provodnika:	Klasa 1 - od 25mm2 klasa 2
Armatura:	Prazna ili hladnovaljana pocinkovana traka, minimalna debljina od 0,2-0,5mm
Unutrašnji plašt:	PVC DMV 17
Izolacija:	PVC DIV 10
Materijal plašta:	PVC DMV 17
Boja spoljnog plašta:	Siva standardno ili crna po porudžbini
Otpornost na plamen:	SR EN 332-1-2, SR EN 50266-4-2
Maksimalna temperatura tokom rada:	70 °C
Minimalna dozvoljena temperatura tokom poleganja:	-5 °C
Temperatura u kratkom spoju:	max. 160 °C
Nominalni naponski nivo Uo:	600 V
Nominalni naponski nivo U:	1 kV
Ispitni naponski nivo AC/DC:	3,5 kV/8,4 kV max. 5 min.
Radijus savijanja pri poleganju:	min. 12x Da
Sila istezanja pri poleganju:	max. 50 N/mm2

Conductor material:	Bare copper
Conductor construction:	Class 1 - from 25 mm2 class 2
Armor:	Blank or zinc-plated cold-rolledtape, minimum thickness 0,2-0,5mm
Inner sheath:	PVC DMV 17
Insulation:	PVC DIV 10
Sheathing material:	PVC DMV 17
Color of outer sheath:	Gray as standard or black by order
Flame retardant:	SR EN 332-1-2, SR EN 50266-4-2
Max. operating temperature, fixed:	70 °C
Minimum temperature, moved/ during installation:	-5 °C
Short-circuit temperature:	max. 160 °C
Nominal voltage Uo:	600 V
Nominal voltage U:	1 kV
Test voltage AC/DC:	3,5 kV/8,4 kV max. 5 min.
Bending radius at installation:	min. 12x Da
Tensile strain during installation:	max. 50 N/mm2

PP 41 / CYAbY(-F)

Naziv kabla	Presek		Boja	DI	DUP	DSP	OP	Da	T
Cable name	Cross section		Color	mm	mm	mm	Ω/km	mm	kg/km
CYAbY(-F)	1x16	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.15	13.1	371
CYAbY(-F)	1x25	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.727	14.8	505
CYAbY(-F)	1x35	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.524	16.0	625
CYAbY(-F)	1x50	RM	si/gr, cr/bc	1.4	0.76	1.8/1.24	0.387	17.7	791
CYAbY(-F)	1x70	RM	si/gr, cr/bc	1.4	0.76	1.8/1.24	0.268	19.5	1031
CYAbY(-F)	1x95	RM	si/gr, cr/bc	1.6	0.76	1.8/1.24	0.193	21.8	1346
CYAbY(-F)	1x120	RM	si/gr, cr/bc	1.6	0.76	1.8/1.24	0.153	23.3	1592
CYAbY(-F)	1x150	RM	si/gr, cr/bc	1.8	0.76	1.8/1.24	0.124	25.3	1920
CYAbY(-F)	1x185	RM	si/gr, cr/bc	2.0	0.76	1.8/1.24	0.0991	27.6	2370
CYAbY(-F)	1x240	RM	si/gr, cr/bc	2.2	0.76	1.8/1.24	0.0754	30.5	3018
CYAbY(-F)	1x300	RM	si/gr, cr/bc	2.4	0.76	1.8/1.24	0.0601	33.5	3698
CYAbY(-F)	2x1.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	12.1	12.2	249
CYAbY(-F)	2x2.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	7.41	13.0	296
CYAbY(-F)	2x4	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	4.61	14.7	390
CYAbY(-F)	2x6	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	3.08	15.9	476
CYAbY(-F)	2x10	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.83	18.4	648
CYAbY(-F)	2x16	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.15	21.2	902
CYAbY(-F)	2x25	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.727	24.2	1232
CYAbY(-F)	2x35	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.524	26.6	1544
CYAbY(-F)	3x1.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	12.1	12.6	278
CYAbY(-F)	3x2.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	7.41	13.5	334
CYAbY(-F)	3x4	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	4.61	15.4	447
CYAbY(-F)	3x6	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	3.08	16.7	542
CYAbY(-F)	3x10	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.83	19.4	744
CYAbY(-F)	3x16	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.15	21.9	1054
CYAbY(-F)	3x25	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.727	25.6	1502
CYAbY(-F)	3x25+16	RM	si/gr, cr/bc	1.2;1.0	0.76	1.8/1.24	0.727;1.15	26.9	1689
CYAbY(-F)	3x35	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.524	28.2	1917
CYAbY(-F)	3x35+16	RM	si/gr, cr/bc	1.2;1.0	0.76	1.8/1.24	0.524;1.15	29.2	2076
CYAbY(-F)	3x50	SM	si/gr, cr/bc	1.4	0.76	1.9/1.32	0.387	28.4	2130
CYAbY(-F)	3x50+25	SM/RM	si/gr, cr/bc	1.4;1.2	0.76	2.0/1.4	0.387/0.727	31.8	2655
CYAbY(-F)	3x70	SM	si/gr, cr/bc	1.4	0.76	2.0/1.4	0.268	31.8	2950
CYAbY(-F)	3x70+35	SM/RM	si/gr, cr/bc	1.4;1.2	0.76	2.1/1.48	0.268/0.524	37.0	3766
CYAbY(-F)	3x95	SM	si/gr, cr/bc	1.6	0.76	2.1/1.48	0.193	35.4	4055
CYAbY(-F)	3x95+50	SM/SM	si/gr, cr/bc	1.6;1.4	0.76	2.4/1.72	0.193/0.387	40.2	4752
CYAbY(-F)	3x120	SM	si/gr, cr/bc	1.6	0.84	2.2/1.56	0.153	38.0	4811
CYAbY(-F)	3x120+70	SM/SM	si/gr, cr/bc	1.6;1.4	0.84	2.4/1.72	0.153/0.268	43.6	5800
CYAbY(-F)	3x150	SM	si/gr, cr/bc	1.8	0.92	2.3/1.64	0.124	42.2	5822
CYAbY(-F)	3x150+70	SM/SM	si/gr, cr/bc	1.8;1.4	0.92	2.5/1.8	0.124/0.268	48.0	6856
CYAbY(-F)	3x185	SM	si/gr, cr/bc	2.0	1.0	2.4/1.72	0.0991	45.6	7185
CYAbY(-F)	3x185+95	SM/SM	si/gr, cr/bc	2.0;1.6	1.0	2.7/1.96	0.0991/0.193	53.2	5899
CYAbY(-F)	3x240	SM	si/gr, cr/bc	2.2	1.58	2.6/1.88	0.0754	52.2	9330
CYAbY(-F)	3x240+120	SM/SM	si/gr, cr/bc	2.2/1.6	1.58	2.9/2.12	0.0754/0.153	60.0	10885
CYAbY(-F)	4x1.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	12.1	13.4	13.4

Naziv kabla	Presek		Boja	DI	DUP	DSP	OP	Da	T
Cable name	Cross section		Color	mm	mm	mm	Ω/km	mm	kg/km
CYAbY(-F)	4x2.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	7.41	14.4	388
CYAbY(-F)	4x4	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	4.61	16.5	527
CYAbY(-F)	4x6	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	3.08	17.9	658
CYAbY(-F)	4x10	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.83	20.9	916
CYAbY(-F)	4x16	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.15	23.8	1277
CYAbY(-F)	4x25	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.727	28.1	1864
CYAbY(-F)	4x35	SM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.524	31.2	2391
CYAbY(-F)	4x50	SM	si/gr, cr/bc	1.4	0.76	2.0/1.4	0.387	31.8	2833
CYAbY(-F)	4x70	SM	si/gr, cr/bc	1.4	0.76	2.2/1.56	0.268	37.0	4150
CYAbY(-F)	4x95	SM	si/gr, cr/bc	1.6	0.84	2.4/1.72	0.193	39.5	5150
CYAbY(-F)	4x120	SM	si/gr, cr/bc	1.6	0.92	2.5/1.8	0.153	43.8	4478
CYAbY(-F)	4x150	SM	si/gr, cr/bc	1.8	1.0	2.5/1.8	0.124	43.8	7611
CYAbY(-F)	5x1.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	12.1	14.2	364
CYAbY(-F)	5x2.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	7.41	15.3	448
CYAbY(-F)	5x4	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	4.61	17.7	615
CYAbY(-F)	5x6	RE	si/gr, cr/bc	1.0	0.76	1.8/1.24	3.08	19.3	773
CYAbY(-F)	5x10	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.83	22.6	1087
CYAbY(-F)	5x16	RM	si/gr, cr/bc	1.0	0.76	1.8/1.24	1.15	25.8	1537
CYAbY(-F)	5x25	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.727	31.3	2260
CYAbY(-F)	5x35	RM	si/gr, cr/bc	1.2	0.76	1.8/1.24	0.524	34.2	2908
CYAbY(-F)	7x1.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	12.1	15.1	475
CYAbY(-F)	7x2.5	RE	si/gr, cr/bc	0.8	0.76	1.8/1.24	7.41	16.3	595

Objašnjenje oznaka

DI Debljina izolacije
DUP Debljina unutrašnjeg plašta
DSP Debljina spoljnjeg plašta
OP Otpor provodnika
Da Spoljnji dijametar
T Ukupna težina kabla

Labels explanation

DI Thickness of insulation
DUP Thickness of innersheat
DSP Thickness of outer sheat
OP Conductor resistance
Da Outer diameter
T Total weight

Indentifikacija žila Core identification	PP 41 CYAbY(-F)

žile cores	Boje Colors				
1	žz/yg				
2	pl/bl	br/bw			
3	žz/yg	pl/bl	br/bw		
4	žz/yg	br/bw	cr/bc	si/gr	
5	žz/yg	pl/bl	br/bw	cr/bc	si/gr
5+	žz/yg	+ obeležavanje brojevima + numbering			

žile cores	Boje Colors				
1	cr/bc				
2	pl/bl	br/bw			
3	br/bw	cr/bc	si/gr		
4	pl/bl	br/bw	cr/bc	si/gr	
5	pl/bl	br/bw	cr/bc	si/gr	cr/bc
5+		+ obeležavanje brojevima + numbering			

Objašnjenje boja

žz žuto-zelena
cr crna
pl plava
br braon
si siva

Color explanation

yg yellow-green
bc black
bl blue
bw brown
gr gray